

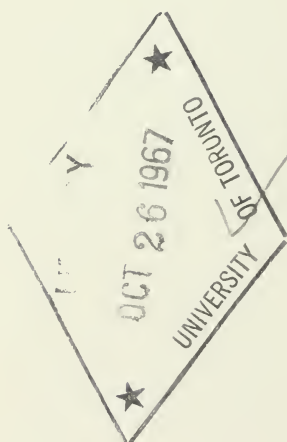
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Hydro-Electric Power Commission of Ontario

# 66 ANNUAL REPORT





ontario hydro





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**KIPLING GENERATING STATION — MATTAGAMI RIVER** — This station, where two 62,700-kilowatt units were placed in service early in the summer of 1966, is the third and final project in the Commission's current program for the development of the lower Mattagami River. Harmon Generating Station, about three miles up stream, can be seen towards the top centre of the photograph.



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# The Hydro-Electric Power Commission of Ontario

*Fifty-ninth*  
**Annual Report**  
*for the Year*  
**1966**

This Report is published pursuant to The Power Commission Act,  
Revised Statutes of Ontario, 1960, Chapter 300, Section 10.

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

---

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D. P. CLIFF  
*1st Vice-Chairman*

ROBERT J. BOYER, M.P.P.  
*2nd Vice-Chairman*

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*Commissioner*

IAN F. McRAE, D.SC.  
*Commissioner*

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E. B. EASSON  
*Secretary*

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*Assistant General Manager  
Services*

C. B. C. SCOTT  
*Assistant General Manager  
Personnel*





## LETTER OF TRANSMITTAL

TORONTO, ONTARIO, MAY 11, 1967

THE HONOURABLE W. EARL ROWE, P.C.(C), LL.D., D.Sc. Soc.

*Lieutenant-Governor of Ontario*

SIR:

I have the honour to present the Annual Report of The Hydro-Electric Power Commission of Ontario for the year ended December 31, 1966.

The rapid economic expansion in Ontario was reflected and supported by an unprecedented increase in power requirements during 1966, when peak demands for the month of December exceeded the 1965 peak by 750,000 kilowatts. The increase in demand to a total of 8,565,465 kilowatts represents a growth of more than 9.5 per cent during the year.

The accelerated growth in power requirements, together with delays in achieving the in-service dates for new generating capacity and equipment, placed heavy strains on our physical resources for the supply of power, particularly during the December period of maximum demand. The margin of reserve of available resources fell on occasions to quite unsatisfactory levels. Nevertheless in spite of the high demands and delays in installing new capacity, our power commitments to all customers were fully met throughout the year.

Fortunately, no serious weather conditions developed. Indeed, two weather factors were distinctly favourable, generally moderate temperatures in December and heavy precipitation during the last two months of the year. There was also improvement in the levels of the Great Lakes. From a low at the beginning of November, the level of Lake Erie rose by about 9 inches before the end of the year, at which time it was 6 inches higher than the year-end average for the last decade. Lake Ontario was 9 inches above its 10-year average at the end of the year. In other parts of southern and northeastern Ontario, water storages were 25 per cent above normal.

Water storages in northwestern Ontario did not follow this general trend. At the end of 1966, they were 22 per cent below normal. In anticipation of rising requirements, the 100,000-kilowatt Thunder Bay thermal-electric station was made ready for operational service. It began generating power in November.

Under these generally favourable water conditions, the Commission's hydro-electric generating stations produced more than 33,659 million kilowatt-hours of electric energy in 1966, exceeding the 1965 hydro-electric production by 13.9 per cent. This increased production from our own hydro-electric stations was supplemented by larger purchases of economy power from Hydro-Quebec and other interconnected systems. It was possible, therefore, to meet a 9 per cent increase in energy demand and still achieve savings in fuel consumption at the Commission's thermal-electric stations, principally coal-burning, which were required to provide 3.5 per cent less energy than in 1965.

During 1966, the Commission's installed capacity was increased by 476,000 kilowatts. In view of the much larger growth in power requirements, the Commission sustained a further decline in its reserve capacity.

If we are to re-establish an acceptable reserve in relation to our requirements, and indeed to provide the more generous reserve margin normally required for the operation of the present larger and more complex generating units, we must accelerate our power development program considerably.

More than one million kilowatts of new capacity is scheduled to be placed in service in 1967 at Lakeview, Mountain Chute, and Douglas Point Generating Stations and in new oil-fired combustion-turbine units at various locations. This program, in conjunction with further plans for later years, will provide for more than doubling the Commission's present capacity in the next ten years, or duplicating in one decade what has been previously accomplished in more than 50 years. Of the 10 million kilowatts of additional generation that we expect will be required in the next ten years, more than 6,850,000 kilowatts were either under construction or approved for construction at the end of 1966. Of this total, 71 per cent will be in conventional thermal-electric, 19 per cent in nuclear-electric, and 7 per cent in hydro-electric generation, while the remaining 3 per cent will be in other installations, including oil-fired combustion turbines.

The first nuclear reaction at Douglas Point Nuclear Power Station in November was one of the more interesting and significant events of the year. The station delivered power to the East System for the first time in January 1967.

In April 1967 the Atomic Energy Control Board of Canada issued a permit enabling the Commission to install Units 3 and 4 at Pickering Generating Station, bringing the proposed capacity of the station to 2,160,000 kilowatts. The first two units at this station are scheduled to be in service by 1971, at which time the Commission's nuclear-electric resources will have an installed capacity of 1,280,000 kilowatts.

In anticipation of future needs for uranium concentrates as fuel for the nuclear-electric generating stations, a contract was placed with suppliers in 1966. It is based on the assumption that at least 500,000 kilowatts of nuclear-electric capacity will be brought into service each year between 1970 and 1980.

While nuclear power will assume an increasingly significant role as a source of low-cost electricity, conventional stations using fossil fuels will still occupy an important position in our plans for the immediate future. Under Ontario conditions the provision of energy at the lowest possible unit cost is dependent upon achieving a mix of the most economical combination of hydro, conventional thermal, and nuclear-electric generation.

To maintain a high standard of air-quality control, the Commission equips its coal-fired stations with the most modern and efficient devices available for the extraction of pollutants. At Richard L. Hearn Generating Station, built during the early stages of the thermal-electric generation program, large capital expenditures are being made to bring the electrostatic precipitators to a high standard. More than \$30 million will be invested in air pollution control equipment on stations under construction.

The Commission's revenues for 1966, amounting to \$336.4 million, exceeded the 1965 revenues of \$311.3 million by 8.1 per cent. A total of \$211.3 million was spent on capital construction during the year.

Effective January 1, 1966 the Commission introduced a revised method of allocating the cost of power to its partner municipal utilities, and its direct industrial and other customers. The new costing method was intensively reviewed by the Power Costing Committee of the Association of Municipal Electrical Utilities, and endorsed at the annual meeting of the Ontario Municipal Electrical Association and the Association of Municipal Electrical Utilities in March 1966. Reference to this matter is made in the Financial Statements and in the text of the Report in those sections dealing with Finance and the Commission's Customers.

In co-operation with the municipal electrical utilities, the Commission maintained a strong marketing program directed towards encouraging the development

of customer loads that make optimum use of generating equipment and power-supply facilities. A highly promising feature of that program in 1966 was the development of an Electrical Modernization Plan under which loans will be made available to home owners who choose to install improved wiring, built-in appliances, and electric heating and cooling systems. An important objective of this plan — one that has implications for the whole industry — is the upgrading of the safety and security of home electrical service. It has been estimated that over a million homes in the province have wiring inadequate for the supply of modern electrical appliances.

Once again I acknowledge with sincere appreciation the part played by the municipal electrical utilities and the OMEA and AMEU. I wish also to acknowledge the support rendered by my fellow Commissioners, the senior officers of the Commission, and the entire staff.

Respectfully submitted,

GEORGE E. GATHERCOLE,  
*Chairman.*



# CONTENTS

|                       |           |     |
|-----------------------|-----------|-----|
| LETTER OF TRANSMITTAL | - - - - - | iii |
| LIST OF ILLUSTRATIONS | - - - - - | x   |
| LIST OF DIAGRAMS      | - - - - - | xii |

| SECTION |   | PAGE |
|---------|---|------|
|         | FOREWORD  | 1    |
|         | GUIDE TO THE REPORT   | 6    |
| I       | OPERATION OF THE SYSTEMS  | 8    |
|         | MAINTENANCE OF THE SYSTEMS  | 15   |
| II      | FINANCE   | 23   |
|         | BALANCE SHEET   | 28   |
|         | STATEMENT OF OPERATIONS   | 30   |
|         | STATEMENT OF THE ALLOCATION OF THE COST OF PRIMARY POWER          | 31   |
|         | EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES AND INTEREST | 32   |
|         | RESERVE FOR STABILIZATION OF RATES AND CONTINGENCIES              | 32   |
|         | SOURCE AND APPLICATION OF FUNDS                                   | 33   |
|         | NOTES TO FINANCIAL STATEMENTS                                     | 35   |
| III     | MARKETING AND THE COMMISSION'S CUSTOMERS                          | 37   |
|         | MUNICIPALITIES  | 41   |
|         | DIRECT CUSTOMERS  | 43   |
|         | RURAL ELECTRICAL SERVICE  | 44   |
|         | SERVICES TO CUSTOMERS   | 46   |
|         | REPORTS FROM THE REGIONS  | 48   |
| IV      | PLANNING, ENGINEERING, AND CONSTRUCTION                           | 54   |
|         | PROGRESS ON POWER DEVELOPMENTS                                    | 59   |
|         | KIPLING GENERATING STATION  | 69   |
|         | TRANSFORMER STATIONS  | 74   |
|         | TRANSMISSION LINES  | 78   |
| V       | RESEARCH AND TESTING ACTIVITIES                                   | 82   |
| VI      | STAFF RELATIONS   | 94   |



| APPENDIX   | PAGE    |
|--|---------|
| I      OPERATIONS - - - - -  | 101     |
| THE COMMISSION'S POWER RESOURCES - - - - -                           | 102     |
| POWER RESOURCES AND REQUIREMENTS - - - - -                           | 104     |
| ANALYSIS OF ENERGY SALES - - - - -                                   | 106     |
| <br>II      FINANCIAL - - - - -                                      | <br>109 |
| SCHEDULES SUPPORTING THE BALANCE SHEET - - - - -                     | 110     |
| ALLOCATION OF THE COST OF PRIMARY POWER - - - - -                    | 118     |
| SINKING FUND EQUITIES ACCUMULATED BY MUNICIPALITIES - - - - -        | 137     |
| <br>III     RURAL - - - - -  | <br>145 |
| RATES AND TYPICAL BILLS FOR RURAL SERVICE - - - - -                  | 147     |
| MILES OF LINE AND NUMBERS OF CUSTOMERS - - - - -                     | 148     |
| CUSTOMERS, REVENUE, AND CONSUMPTION 1957-1966 - - - - -              | 152     |
| <br>SUPPLEMENT   |         |
| MUNICIPAL ELECTRICAL SERVICE - - - - -                               | 155     |
| FINANCIAL STATEMENTS OF THE MUNICIPAL ELECTRICAL UTILITIES - - - - - | 162     |
| RATES AND TYPICAL BILLS - - - - -                                    | 214     |
| CUSTOMERS, REVENUE, AND CONSUMPTION - - - - -                        | 236     |
| <br>INDEX - - - - -  | <br>258 |

# ILLUSTRATIONS

|  |           |              |
|--|-----------|--------------|
| KIPLING GENERATING STATION   | - - - - - | Frontispiece |
| SECTION  |           | PAGE         |
| FOREWORD   |           |              |
| OPENING OF THE MATTAGAMI RIVER GENERATING STATIONS                       | - - -     | 2            |
| DOUGLAS POINT NUCLEAR POWER STATION                                      | - - - - - | 6            |
| I OPERATION OF THE SYSTEMS   |           |              |
| THUNDER BAY GENERATING STATION MADE FULLY OPERATIONAL                    | - -       | 13           |
| LAKEVIEW GENERATING STATION  | - - - - - | 14           |
| TRANSFORMER FIRE TESTS   | - - - - - | 16           |
| CABLE CARS FOR LIVE-LINE WORK  | - - - - - | 17           |
| HELICOPTER USED IN LINE MAINTENANCE                                      | - - - - - | 18           |
| OFF-ROAD VEHICLE UNDER TEST  | - - - - - | 19           |
| MODERN EQUIPMENT AND TECHNIQUES IN LIVE-LINE WORK                        | - - -     | 21           |
| III MARKETING AND THE COMMISSION'S CUSTOMERS                             |           |              |
| McMICHAEL GALLERY, KLEINBURG, ONTARIO                                    | - - - - - | 38           |
| ELECTRICITY PROVIDES IDEAL CONDITIONS FOR VALUABLE PAINTINGS             | -         | 39           |
| HIGH-QUALITY LIGHTING IN THE CAFETERIA OF WELLESLEY HOSPITAL             | -         | 40           |
| HYDRONIC ELECTRIC HOUSE-HEATING EQUIPMENT                                | - - - - - | 41           |
| ELECTRIC FEED CONTROL ON CATTLE FARM                                     | - - - - - | 44           |
| TRANSFORMER INSTALLATION IN VAULT AT ST. JAMES TOWN PROJECT              | - -       | 49           |
| PICKERING GENERATING STATION UNDER CONSTRUCTION                          | - - - - - | 50           |
| ELECTRIC COOKING INSTALLATION AT CHAMPLAIN COLLEGE,<br>TRENT UNIVERSITY  | - - - - - | 51           |
| CENTRAL CONSOLE FOR AIR-CONDITIONING CONTROL                             | - - - - - | 52           |
| STEWARTVILLE GENERATING STATION EXTENSION                                | - - - - - | 53           |
| IV PLANNING, ENGINEERING, AND CONSTRUCTION                               |           |              |
| LAMBTON GENERATING STATION, STRUCTURAL STEEL AND CHIMNEY                 | - -       | 60           |
| SAFETY PRECAUTIONS AT PICKERING GENERATING STATION                       | - -       | 62           |
| COMBUSTION-TURBINE GENERATORS AT LAKEVIEW GENERATING<br>STATION          | - - - - - | 64           |
| MOUNTAIN CHUTE GENERATING STATION  | - - - - - | 66           |
| EXTENSION OF BARRETT CHUTE GENERATING STATION                            | - - - - - | 67           |
| QUARRYING CONCRETE FROM DAM AT STEWARTVILLE GENERATING<br>STATION        | - - - - - | 68           |
| KIPLING GENERATING STATION   |           |              |
| SCROLLCASES IN PROCESS OF ASSEMBLY                                       | - - - - - | 72           |
| AERIAL PHOTOGRAPH OF HEADWORKS AND POWERHOUSE—<br>JULY 1965              | - - - - - | 73           |
| PINARD TRANSFORMER STATION   | - - - - - | 75           |
| CONTROL ROOM AT PINARD TRANSFORMER STATION                               | - - - - - | 77           |
| TRANSFORMER FIELD TESTS AT HANMER TRANSFORMER<br>STATION                 | - - - - - | 78           |
| STRINGING CONDUCTOR BY HELICOPTER FOR ST. CLAIR RIVER<br>INTERCONNECTION | - - - - - | 79           |



# DIAGRAMS

| SECTION   | PAGE            |
|---|-----------------|
| FOREWORD  |                 |
| TOTAL POWER RESOURCES AND ENERGY PRODUCTION - - - -                     | 3               |
| I OPERATION OF THE SYSTEMS  |                 |
| POWER DEMANDS AND RESOURCES—EAST SYSTEM - - - -                         | 10              |
| POWER DEMANDS AND RESOURCES—WEST SYSTEM - - - -                         | 11              |
| PRIMARY ENERGY DEMAND SEASONALLY ADJUSTED - - - -                       | 12              |
| II FINANCE  |                 |
| FIXED ASSETS, CAPITAL, AND LONG-TERM LIABILITIES - - - -                | 25              |
| III MARKETING AND THE COMMISSION'S CUSTOMERS                            |                 |
| PRIMARY LOADS—MUNICIPALITIES - - - -                                    | 42              |
| PRIMARY LOADS—DIRECT INDUSTRIAL CUSTOMERS - - - -                       | 43              |
| MILES OF LINE AND NUMBER OF CUSTOMERS—RURAL - - - -                     | 45              |
| IV PLANNING, ENGINEERING, AND CONSTRUCTION                              |                 |
| PROPOSED 230-KV INTERCONNECTION—EAST AND WEST SYSTEMS - -               | 56              |
| POWER DEVELOPMENT MOOSE RIVER SYSTEM - - - -                            | 70              |
| KIPLING GENERATING STATION - - - -                                      | 71              |
| APPENDIX  |                 |
| III RURAL   |                 |
| SKETCH MAP OF REGIONS AND AREAS - - - -                                 | facing page 146 |
| SUPPLEMENT  |                 |
| MUNICIPAL ELECTRICAL SERVICE  |                 |
| ANNUAL ENERGY CONSUMPTION AND AVERAGE COST<br>PER KILOWATT-HOUR - - - - | 157             |
| MUNICIPAL ELECTRICAL UTILITIES  |                 |
| FIXED ASSETS AND LONG-TERM DEBT - - - -                                 | 158             |
| REVENUE - - - -   | 159             |

FIFTY-NINTH ANNUAL REPORT  
OF  
**The Hydro-Electric Power Commission  
of Ontario**

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**FOREWORD**

**T**HE Hydro-Electric Power Commission of Ontario is a corporate entity, a self-sustaining public enterprise endowed with broad powers with respect to electricity supply throughout the Province of Ontario. Its authority is derived from an Act of the Provincial Legislature passed in 1906 to give effect to recommendations of earlier advisory commissions that the water powers of Ontario should be conserved and developed for the benefit of the people of the Province. It now operates under The Power Commission Act (7-Edward VII, c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified from time to time (Revised Statutes of Ontario, 1960, c. 300, as amended). The Commission may have from three to six members, all of whom are appointed by the Lieutenant-Governor in Council. Two Commissioners may be members of the Executive Council of the Province of Ontario.

**The Power Supply**

Power is provided through the facilities of two operating systems, the East System and the West System, which, though not physically interconnected, are administered as a unit on behalf of the nearly 360 co-operating municipalities, and other Commission customers.

The East System comprises six regions — Western, Niagara, Central, Georgian Bay, Eastern, and Northeastern — while the West System comprises only the





OPENING OF THE MATTAGAMI RIVER GENERATING STATIONS — Mr. G. E. Gathercole, Chairman of the Commission, is shown addressing the gathering at the official opening of the three hydro-electric stations recently constructed on the Mattagami River in northern Ontario. These are Little Long, Harmon and Kipling Generating Stations, situated in that order down stream, and placed in service in 1963, 1965, and 1966, respectively.

Northwestern Region. The dividing line between the two systems is roughly the boundary between the Thunder Bay District and the Districts of Algoma and Cochrane. The Commission maintains offices in seven suitably located cities for the purpose of providing local administration within the seven regions.

The Commission is primarily concerned with the provision of electric power by generation or purchase, and its delivery in bulk either for resale, chiefly by the associated municipal utilities, or for use by certain direct customers, for the most part industrial. This primary aspect of operations accounts for more than 90 per cent of the Commission's energy sales. The remaining sales are made to retail customers either in rural areas or in certain communities not served by municipal electrical utilities. Apart from this particular operation by the Commission, retail service throughout the province is generally provided by the associated municipal electrical utilities, which are owned and operated by local commissions functioning under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act. Under this legislation, the Commission, in addition to supplying power, is required to exercise certain regulatory functions with respect to the municipal utilities served.

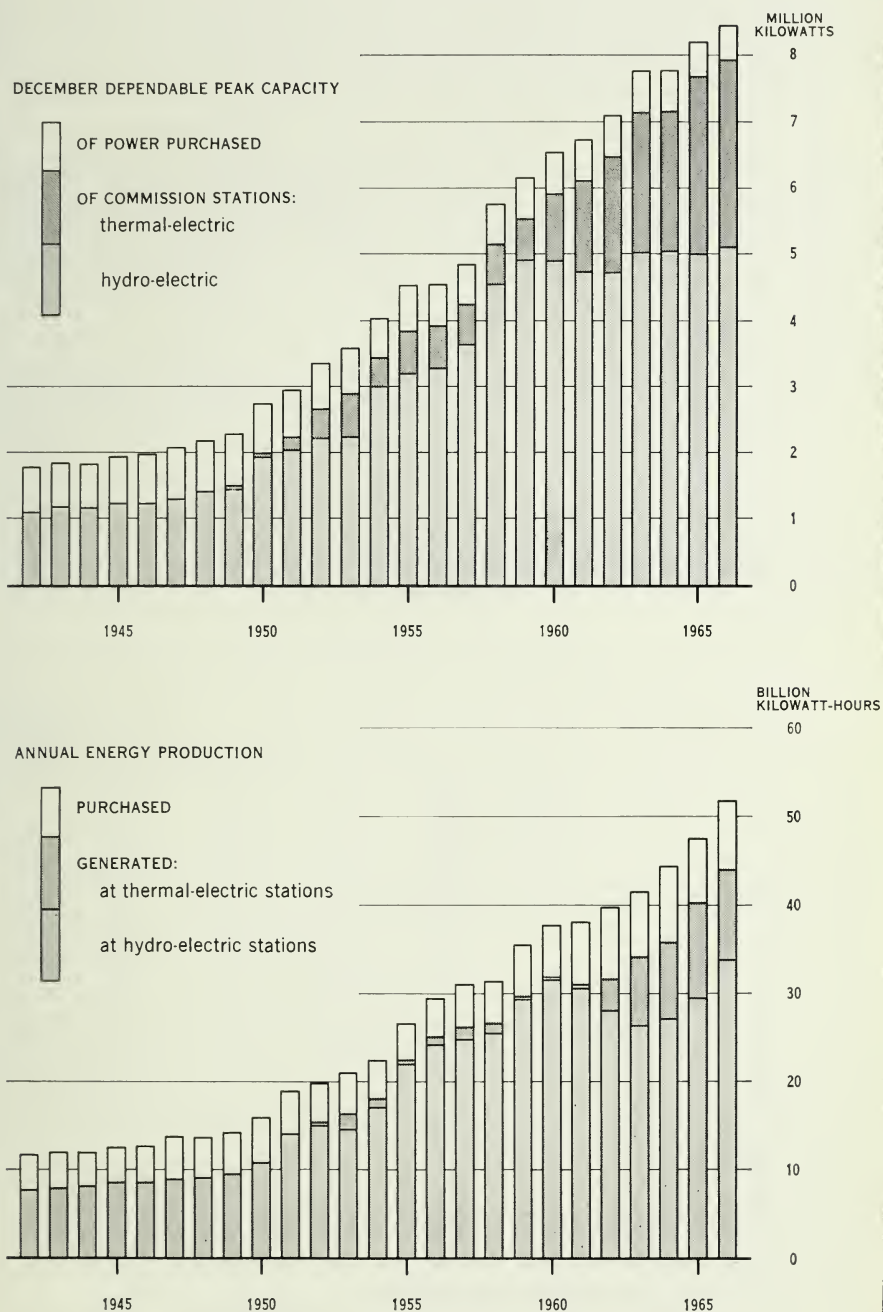
## Financial Features

The basic principle governing the financial operations of the Commission and its associated municipal electrical utilities is that service is provided at cost. In



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TOTAL POWER RESOURCES AND ENERGY PRODUCTION



the Commission's operations, cost of service includes payment for power purchased, charges for operation, maintenance, and administration, and related fixed charges. The fixed charges represent interest, an allowance for depreciation, and a provision for debt retirement. The municipal utilities operating under cost contracts with the Commission are billed throughout the year at interim rates based on estimates of the cost of service. At the end of the year, when the actual cost of service is established, the necessary balancing adjustments are made in their accounts. Retail rates for the municipal utilities are established at levels calculated to produce revenue adequate to meet cost.

The enterprise from its inception has been self-sustaining. The Province, however, guarantees the payment of principal and interest on all bonds issued by the Commission and held by the public. In addition, the Province has materially assisted the development of agriculture by contributing under The Rural Hydro-Electric Distribution Act toward the capital cost of extending rural distribution facilities.

### Annual Summary

Revenue from the sale of primary power and energy in 1966 amounted to \$336.4 million as compared with \$311.3 million in 1965. Revenue from the sale of secondary energy amounting to \$2.6 million was applied as an offset to the cost of primary power. The cost of primary power allocated to customers was \$336.9 million after the net provision of \$9.7 million to the reserve for stabilization of rates and contingencies. In 1965 the cost allocated was \$310.8 million after a net withdrawal from the same reserve of \$2.0 million.

### Statistical

|  | 1957   |
|--|--------|
| Dependable peak capacity, December..... thousand kw                                | 4,844  |
| Primary power requirements, December..... thousand kw                              | 4,784  |
| Annual energy generated and purchased..... million kwh                             | 31,101 |
| Primary..... million kwh   | 27,405 |
| Secondary..... million kwh   | 3,696  |
| Annual energy sold by the Commission..... million kwh                              | 28,288 |
| Annual revenue of the Commission (net after refunds)..... million \$               | 197    |
| Fixed assets at cost..... million \$   | 1,931  |
| Gross expenditure on fixed assets in year..... million \$                          | 209    |
| Total assets, less accumulated depreciation..... million \$                        | 2,255  |
| Long-term liabilities and notes payable..... million \$                            | 1,573  |
| Transmission line..... circuit miles   | 16,717 |
| Primary rural distribution line..... circuit miles                                 | 45,375 |
| Average number of employees in year.....   | 19,597 |
| Number of associated municipal electrical utilities.....                           | 351    |
| Ultimate customers served by the Commission and municipal utilities..... thousands | 1,674  |

Kipling Generating Station was placed in service in June 1966. It is the last of three stations on the Lower Mattagami River, all built since 1963.

A fifth unit at Lakeview Generating Station, though in service during 1966, was operated at less than its rated capacity. Since it was still subject to commissioning tests, it was not included in the Commission's dependable peak resources for 1966. A nuclear reaction was achieved at the Douglas Point Nuclear Power Station in November 1966, when the station was operated at a low level. First power was delivered by this station to the East System only after the end of the year.

The major focus of construction activity has already begun to shift gradually from Lakeview Generating Station, where the last three units are scheduled for service in 1967 and 1968, to Lambton Generating Station near Sarnia and to Pickering Generating Station, the large nuclear-electric development just east of Toronto. A decision was taken in 1966 to proceed also with a 2,000,000-kilowatt thermal-electric station at Nanticoke on Lake Erie, about 8 miles east of Port Dover. Lambton, Pickering and Nanticoke Generating Stations at the end of 1966 were scheduled to provide 5,080,000 kilowatts of installed capacity in the years following 1968.

The Commission also decided in 1966 to develop a hydraulic site at Aubrey Falls on the Mississagi River as part of its long-range continuing program to bring new hydro-electric resources into service as they become economically feasible.

### Summary 1957-66

| 1958   | 1959   | 1960   | 1961   | 1962   | 1963   | 1964   | 1965   | 1966   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5,761  | 6,155  | 6,526  | 6,734  | 7,088  | 7,756  | 7,776  | 8,199  | 8,464  |
| 5,139  | 5,556  | 5,746  | 5,949  | 6,293  | 6,797  | 7,210  | 7,818  | 8,565  |
| 31,450 | 35,465 | 37,709 | 38,212 | 39,885 | 41,471 | 44,399 | 47,528 | 51,753 |
| 28,382 | 31,546 | 32,717 | 33,861 | 35,783 | 37,644 | 40,632 | 43,584 | 48,056 |
| 3,068  | 3,919  | 4,992  | 4,351  | 4,102  | 3,827  | 3,767  | 3,944  | 3,697  |
| 28,599 | 32,073 | 34,317 | 34,807 | 36,684 | 38,466 | 41,115 | 44,213 | 47,944 |
| 198    | 213    | 229    | 236    | 249    | 270    | 289    | 311    | 336    |
| 2,108  | 2,248  | 2,361  | 2,462  | 2,567  | 2,665  | 2,762  | 2,894  | 3,125  |
| 191    | 154    | 132    | 124    | 114    | 108    | 110    | 150    | 211    |
| 2,421  | 2,548  | 2,660  | 2,780  | 2,702  | 2,753  | 2,824  | 2,987  | 3,190  |
| 1,692  | 1,786  | 1,844  | 1,918  | 1,938  | 1,959  | 1,999  | 2,106  | 2,237  |
| 17,499 | 17,713 | 17,831 | 17,971 | 18,120 | 18,642 | 18,826 | 19,050 | 19,342 |
| 46,438 | 47,351 | 47,896 | 48,068 | 48,562 | 48,993 | 49,173 | 49,435 | 49,863 |
| 17,701 | 15,866 | 15,179 | 15,097 | 14,920 | 14,387 | 14,531 | 14,996 | 15,361 |
| 354    | 354    | 354    | 354    | 355    | 355    | 357    | 360    | 358    |
| 1,757  | 1,830  | 1,881  | 1,939  | 1,991  | 2,042  | 2,096  | 2,142  | 2,188  |

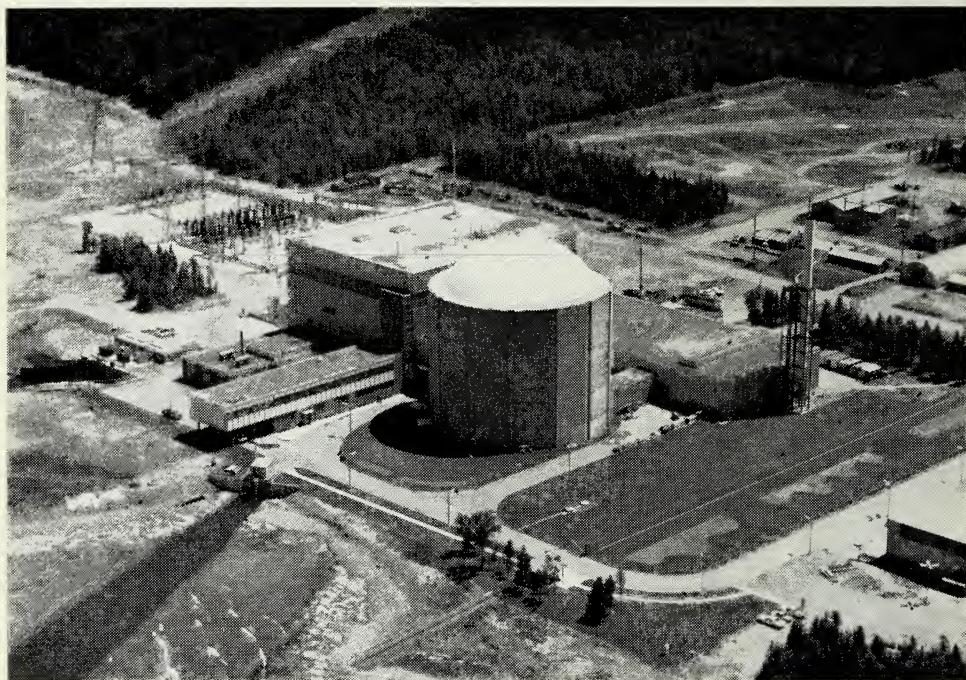


Extensions of the present stations at Barrett Chute and Stewartville on the Madawaska River are already under way, while construction is well advanced at Mountain Chute on the same river.

The entire extra-high-voltage line from Pinard Transformer Station to Kleinburg Transformer Station was in service by the end of 1966, the 228-mile northern section as far as Sudbury at 500 kv, and the southern section for the present at 230 kv. Preliminary work is now under way for additional 230-kv facilities, which will eventually provide an interconnection between the East and West Systems across the 300-mile gap from George W. Rayner Generating Station to Marathon.

## GUIDE TO THE REPORT

Details of the Commission's activities which have been briefly summarized in the foregoing paragraphs are given in the six sections and four appendices of the Report which follow. Operations, finance, and customer relations are the subjects of the first three sections and their related appendices. The narrative in



**DOUGLAS POINT NUCLEAR POWER STATION** — This 200,000-kilowatt generating station on the shore of Lake Huron between Kincardine and Port Elgin is a co-operative project of Ontario Hydro and Atomic Energy of Canada Limited. Construction was largely completed by the end of 1965 and a critical reaction in the CANDU reactor was achieved for the first time on November 15, 1966. Heat output was then gradually increased during extensive tests of reactor performance until, on January 7, 1967, sufficient steam was produced to turn the turbine and generate electricity for the first time.

Section I dealing with the production, purchase, and delivery of power is supplemented in the text by reports of weather conditions, maintenance, communications, and forestry, all of which are related to operations. Supplementary tables are in Appendix I. Section II includes the Commission's Balance Sheet, Statement of Operations, and certain supporting statements of general interest. In Appendix II are other supporting schedules and accounts, including the statements of municipal sinking fund equities and of the allocation of the cost of primary power to municipalities. In Section III, consideration is given to various aspects of marketing and of service to the three main groups of the Commission's customers. Supplementary information on rural services is to be found in Appendix III. Another subsection of Section III, in the form of reports from the regions, deals with certain activities relative to service in municipal utilities. Many of these activities have involved participation by, or the assistance of, members of the Commission's staff.

Engineering, construction, and research activities are discussed in Sections IV and V. Section IV deals with the planning and construction of power facilities. It includes descriptions of the more important construction projects and statistics relative to these and other facilities for the generation, transformation, and delivery of power. Section V contains reports on the progress of some of the tests and investigations being conducted by members of the Commission's Research Division.

Section VI deals with aspects of employee relations, training, and staff administration.

A large part of the Report is devoted to aspects of retail service to ultimate customers, especially that provided by the municipal electrical utilities. The commentary on these activities and the statistical tables applicable to them are brought together in a supplement to the Report entitled *Municipal Electrical Service* beginning on page 155.

# SECTION I

## OPERATION OF THE SYSTEMS

**D**EMANDS for electricity continued to grow strongly in Ontario during 1966. In December, demands for primary power in the East and West Systems reached annual peaks which totalled 8,565,465 kilowatts—a figure which was 9.6 per cent greater than the comparable figure for 1965, and which for the second successive year indicated annual growth well above the long-term rate. Total primary energy demand during the year was approximately 48.1 billion kilowatt-hours, 10.3 per cent greater than the comparable figure for 1965.

The total dependable peak capacity of the Commission's resources of generated and purchased power increased from 8,199,150 kilowatts in December 1965 to 8,463,650 kilowatts in December 1966. The chief sources of this increase were two hydro-electric units at the new Kipling Generating Station on the Mattagami River, and four combustion-turbine generators installed at two transformer stations. In addition, the capacity of Units 3 and 4 at Lakeview Generating Station was raised following modification of the blading of the turbines.

The new method of calculating the total dependable capacity of hydraulic resources, described in the 1965 Report as applied in the East System, was extended in 1966 to cover West System resources as well. The new procedure takes into account the effect of diversity in stream-flow conditions among the various watersheds. For each system, it provides a combined coincident output for all hydro-electric resources in service which an analysis of records of stream flows indicates



will be equalled or exceeded 98 per cent of the time in December, when annual peak power demands usually occur.

Equipment in service on the East System generally functioned smoothly at the time of the 1966 annual peak demand—5.25 p.m. on December 19. The extra-high-voltage transmission line, with its northern section operating at 500 kv, and its southern section operating at 230 kv, carried power from the new complex of hydro-electric stations in the James Bay watershed more than 400 miles southward to the vicinity of Metropolitan Toronto. The fifth unit at Lakeview Generating Station, then undergoing commissioning, produced about 30,000 kilowatts. The Nuclear Power Demonstration plant produced about 21,000 kilowatts, and the new combustion-turbine units, intended specifically for use on such an occasion, produced about 138,000 kilowatts.

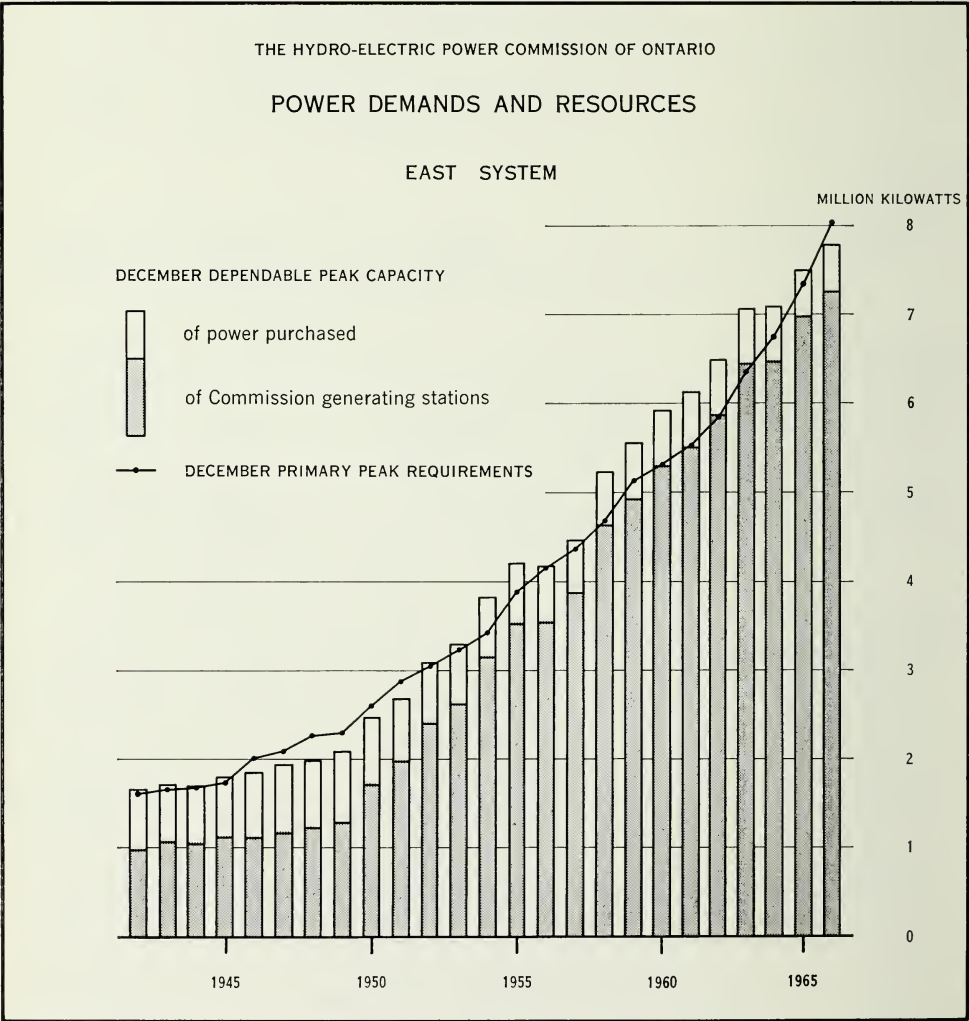
**POWER SUPPLY STATISTICS — 1966**  
(Figures for 1965 and Per Cent Change in *Italic Type*)

|                           |     | East System           | West System          | Total                 |
|---------------------------|-----|-----------------------|----------------------|-----------------------|
| <b>Resources</b>          |     |                       |                      |                       |
| Dependable peak capacity  |     |                       |                      |                       |
| December                  | kw  | 7,784,850             | 678,800              | 8,463,650             |
|                           | kw  | <i>7,512,650</i>      | <i>686,500</i>       | <i>8,199,150</i>      |
|                           |     | <i>3.6%</i>           | <i>-1.1%</i>         | <i>3.2%</i>           |
| <b>Requirements</b>       |     |                       |                      |                       |
| PRIMARY                   |     |                       |                      |                       |
| Peak—Annual maximum       | kw  | 8,028,055             | 537,410              | 8,565,465*            |
|                           | kw  | <i>7,344,331</i>      | <i>476,920</i>       | <i>7,818,411*</i>     |
|                           |     | <i>9.3%</i>           | <i>12.7%</i>         | <i>9.6%</i>           |
| Energy—Total annual       | kwh | 44,462,493,025        | 3,593,498,424        | 48,055,991,449        |
|                           | kwh | <i>40,471,751,780</i> | <i>3,112,397,539</i> | <i>43,584,149,319</i> |
|                           |     | <i>9.9%</i>           | <i>15.5%</i>         | <i>10.3%</i>          |
| <b>Loads</b>              |     |                       |                      |                       |
| PRIMARY AND SECONDARY     |     |                       |                      |                       |
| Energy—Total annual       | kwh | 47,581,513,323        | 4,171,418,529        | 51,752,931,852        |
|                           | kwh | <i>43,523,514,455</i> | <i>4,004,220,016</i> | <i>47,527,734,471</i> |
|                           |     | <i>9.3%</i>           | <i>4.2%</i>          | <i>8.9%</i>           |
| PRIMARY ONLY              |     |                       |                      |                       |
| Energy—For use in Ontario | kwh | 44,460,885,985        | 3,593,178,724        | 48,054,064,709        |
|                           | kwh | <i>40,399,362,297</i> | <i>3,112,397,539</i> | <i>43,511,759,836</i> |
|                           |     | <i>10.1%</i>          | <i>15.4%</i>         | <i>10.4%</i>          |
| Total annual              | kwh | 44,462,493,025        | 3,593,178,724        | 48,055,671,749        |
|                           | kwh | <i>40,471,751,780</i> | <i>3,112,397,539</i> | <i>43,584,149,319</i> |
|                           |     | <i>9.9%</i>           | <i>15.4%</i>         | <i>10.3%</i>          |

\*These annual maxima are the arithmetic sum of the December coincident peaks for each system.

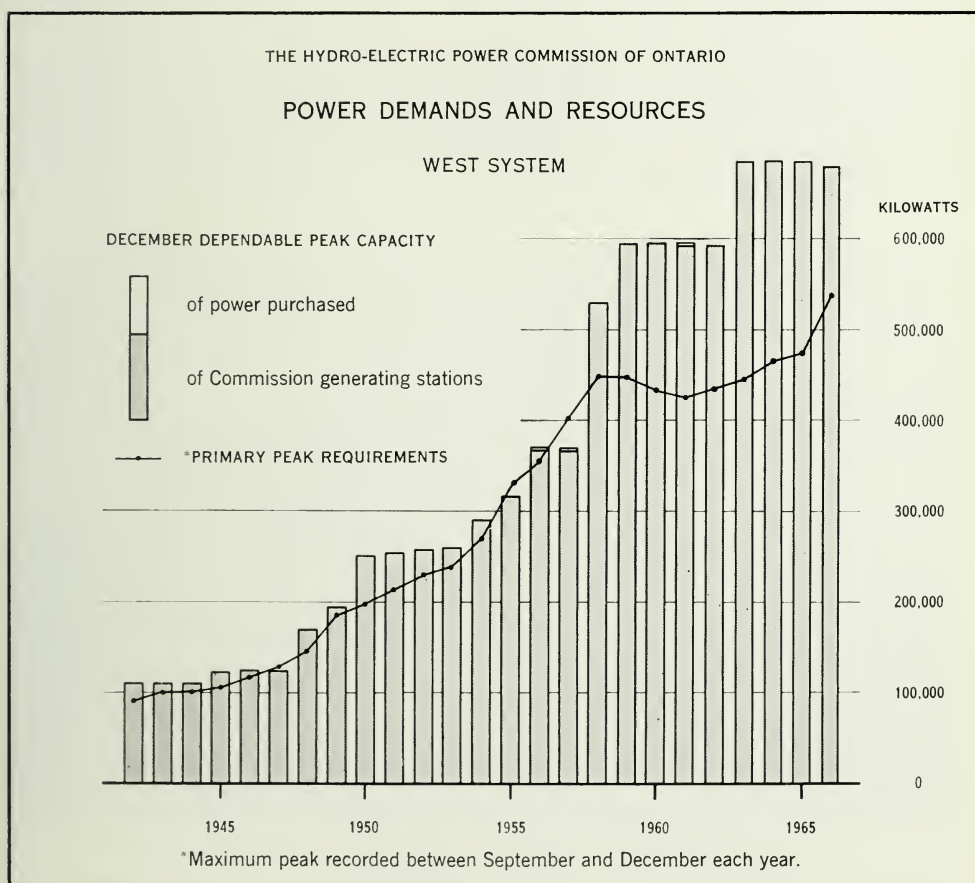
The Commission supplemented the output of its own hydro-electric and thermal-electric resources by substantial purchases of power from other suppliers. In addition to power purchased under firm contract, these purchases included power that was surplus to the suppliers' needs, as well as a considerable amount of power obtained from Quebec and the State of Michigan specifically to meet peak requirements. The Commission was able, with this assistance, to carry a primary peak load of 7,851,000 kilowatts on its East System. In order, however, to maintain an acceptable margin of reserve at the time of the peak demand, the loads of certain industrial customers were cut, as permitted under the terms of their interruptible-power contracts, to the extent of 177,000 kilowatts.

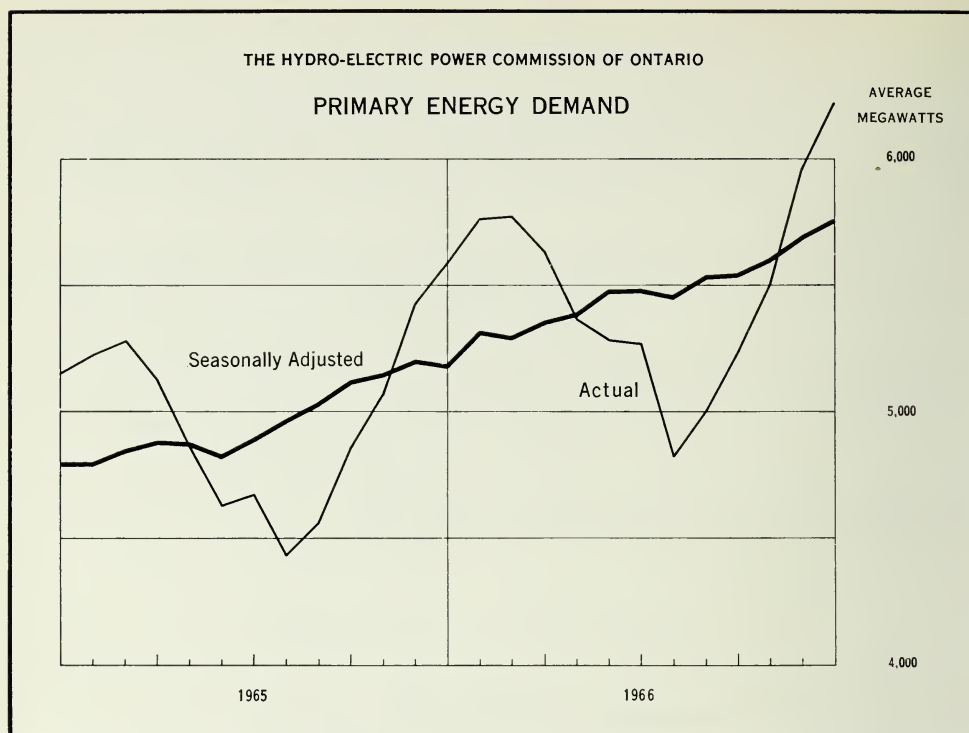
In the West System, power demands grew even more rapidly than in the East System. The annual primary peak demand was 537,410 kilowatts, 12.7 per cent



greater than the 1965 peak. In order to provide for forecast system requirements with an adequate margin of reserve capacity, Thunder Bay Generating Station at Fort William was made ready for operation towards the end of the year. The 100,000-kilowatt thermal-electric station had been consigned to a state of semi-readiness in July 1963, when commissioning was completed, because load growth had not been as rapid as expected and the station was not required at that time to meet system loads.

The total amount of energy generated and purchased by the Commission during 1966 was approximately 51.8 billion kilowatt-hours, 8.9 per cent more than in 1965. The components of the total which were provided by the Commission's hydro-electric and thermal-electric stations, and from resources of purchased energy are shown in a table on page 102. Reflecting the general improvement in stream flows in the East System, the total hydro-electric component increased from the 1965 level by approximately 13.9 per cent. The total purchased-energy component increased by approximately 6.7 per cent from the 1965 level, while the total thermal-electric component declined by 3.5 per cent.





**COMBINED SYSTEMS ENERGY DEMAND SEASONALLY ADJUSTED** — The heavy black seasonally adjusted curve is a more readily interpreted and continuous indication of variation in the rate of growth than the actual curve, since the former is freed of the fluctuations associated with regularly recurring seasonal patterns. The rate of growth established in the second half of 1965 continued well into 1966. The effect of major industrial strikes was reflected in a levelling off until late summer, when the earlier rate of growth was resumed.

The decline in the thermal-electric component is attributed in part to the improvement in hydro-electric resources, and in part to the greater availability in 1966 of power from neighbouring systems. Purchases of thermal-displacement energy—energy which the Commission could, if necessary, have generated with its thermal-electric units but at higher cost—were substantially greater in 1966 than in 1965. If these purchases had not been made in either year, the total requirement for thermal-electric generation would have involved the consumption of about 4,275,000 tons of coal in 1966, 3.9 per cent more than in 1965. Actual consumption of coal in 1966 was 3,858,000 tons.

The increase in the purchased component reflects largely the improved position of suppliers in the Province of Quebec who with higher stream flows were better able to meet contractual commitments and to supply energy in excess of these commitments. On November 1, 1966, the Quebec Hydro-Electric Commission exercised its right to retain for use in the Province of Quebec the power previously supplied to Ontario Hydro by the Ottawa Valley Power Company. As provided for in an agreement between the Ontario and Quebec Commissions, the contractual delivery from the Quebec Commission's Beauharnois Generating Station was reduced by an amount equivalent to the Company's share of the output from Chats



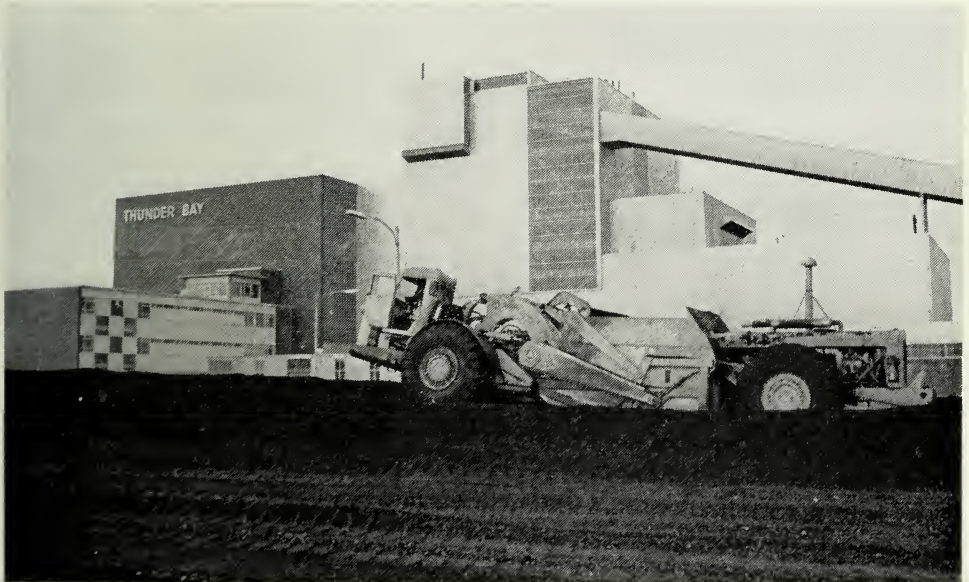
Falls Generating Station, and all of the power from the Ottawa River station was permitted to continue to flow into the Ontario Commission's system. The quite favourable stream flows in Quebec at the time, however, permitted the Quebec Commission to offset this reduction in energy supplied under contract through the provision of surplus energy.

### **Stream-Flow and Storage Conditions**

Hydrological conditions were generally good in the East System throughout most of 1966. Very dry weather did prevail during the second half of June and most of July, and again during September, but the effects of this weather on stream flows and storage levels were offset by the effects of unusually heavy precipitation late in the year. At the end of 1966, the total volume of usable water stored in inland reservoirs was 31 per cent above normal.

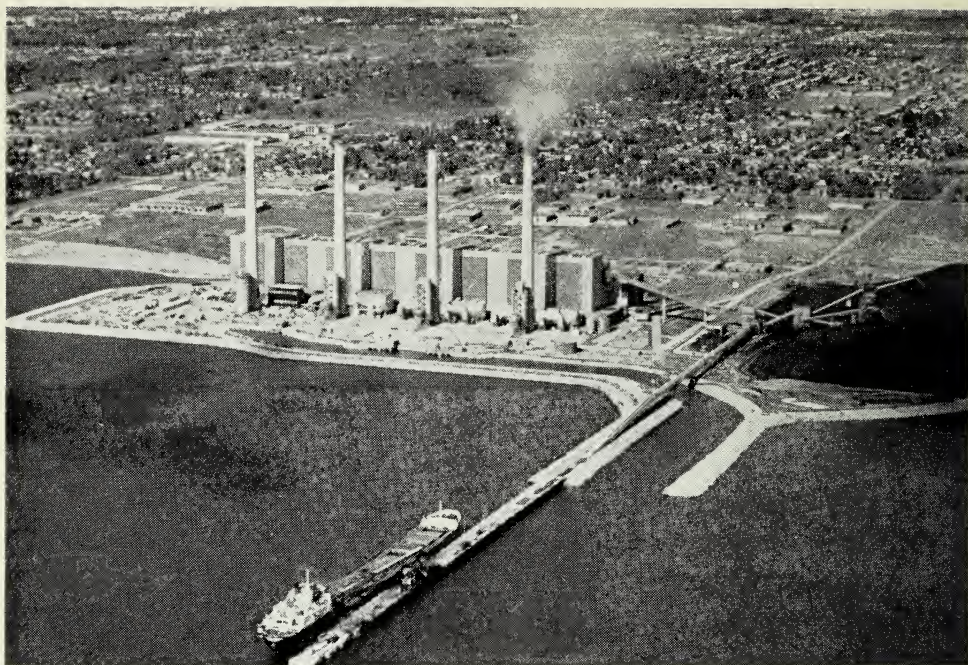
The levels of Lake Erie and Lake Ontario also improved, and the flows of the Niagara and St. Lawrence Rivers were generally better than they were in 1965. The 1966 annual mean flows of both of these rivers were about the same as the averages for the past ten years. The 1966 annual mean flow of the Abitibi River and that of the Ottawa River measured at Chats Falls, were, respectively, 10.1 per cent and 29.9 per cent above the averages for the past ten years.

The operation of the Lake Erie ice boom at the entrance to the Niagara River continued to have satisfactory results in reducing the incidence of ice jams in the river, with consequent improvement in the amount of water usable for power generation. In January 1964, before the boom was installed, only 71 per cent of the water available was used for power generation, and in February 82 per cent.



Approximately 133,00 tons of coal were delivered to Thunder Bay Generating Station at Fort William in the fall of 1966, making it fully operational to meet requirements indicated by rapidly increasing loads on the West System.





LAKEVIEW GENERATING STATION — The powerhouse structure, shown here virtually complete, for this coal-fired thermal-electric station on the shore of Lake Ontario just west of Metropolitan Toronto will ultimately house eight 300,000-kilowatt generating units. At the end of 1966, the fifth unit was producing power while undergoing commissioning tests, and installation of the sixth and seventh units was well advanced.

With the boom in place the following year, these percentages were increased respectively to 95 and 99 per cent, and in 1966 to 96 and 100 per cent.

The Niagara Board of Control approved, on a trial basis commencing August 7, 1966, a new method proposed by the Commission and the Power Authority of the State of New York for determining the levels that should be maintained in the Chippawa-Grass Island Pool of the Niagara River through the use of the Control Structure. The new method, which involves a simpler and more accurate means of calculating the Niagara River flow, and hence proper Pool levels, is expected to provide improved operational effectiveness at the Control Structure.

In the West System, favourable storage conditions prevailed during the early months of the year, and at the end of March snow cover and the equivalent water content were generally above normal throughout the system. Freshet began late in April, was retarded for a few weeks by a return of cold weather early in May, and then continued in most watersheds until late in June. Above normal run-off during the late spring and early summer made it necessary at times to spill considerable amounts of water in order to keep the levels of Lake Nipigon and several other large lakes used as reservoirs from exceeding the maximum allowable elevations. During the autumn, however, the weather was very dry, and the total volume of usable water in storage declined rapidly to 22 per cent below normal at the end of the year.

## **MAINTENANCE OF THE SYSTEMS**

### **Mechanical Maintenance**

The discovery of damaged blades in the first intermediate pressure rotor of the 200,000-kw Unit 6 at Richard L. Hearn Generating Station led to the inspection of the three other units of the same capacity and manufacture at this station. The condition was common in the first intermediate pressure rotor of all units in varying degrees, and the condition of Unit 8 indicated that failure was imminent. Beginning in May, the necessary reblading was carried out on Units 6, 7, and 8, with Unit 5 to be completed in 1967. When the first intermediate pressure rotors of Units 1 and 2 at Lakeview Generating Station were examined, there was no evidence of development of the same condition, but there was blading shroud damage on the first and second rows of both rotors. These units were returned to service after temporary repairs, but replacement of the blading was planned to take place in 1967.

A number of water-wall tube sections in the burner zone of the side furnace walls of Units 1 and 2 at Lakeview Generating Station were replaced following extensive ultrasonic thickness testing which revealed on-load corrosion of the tube inside surfaces. The water circuits of both boilers were acid cleaned as part of the program initiated in 1964, and changes were subsequently made in the boiler-water conditioning. The occurrence of an excessive number of failures in the primary superheater tubes of the No. 1 boiler led to the replacement of the outer tube bends of the lower two banks.

During 1966, all units at Robert H. Saunders-St. Lawrence, DeCew Falls, and Otto Holden Generating Stations were equipped with alarms which indicate in the control room when any breakage of a shear pin occurs. Similar alarm systems are being installed at other stations susceptible to shear pin breakage.

In order to reduce maintenance costs, automatic turbine-lubrication equipment was installed at Des Joachims Generating Station and was being installed at the Sir Adam Beck-Niagara Generating Stations at the end of the year. Similar equipment is on order for Aguasabon, Otto Holden, and Abitibi Canyon Generating Stations.

The remedial work on the Cornwall dike at Robert H. Saunders-St. Lawrence Generating Station described in the 1965 Report was completed in 1966. Approximately 52,000 tons of protective rock were placed on the upstream slope along about 2.5 miles of its 3.5-mile length.

### **Electrical Maintenance**

The procedure of commissioning power apparatus in stations on the extra-high-voltage network has led to the modification of former practices and the development of new techniques to facilitate maintenance on 500-kv facilities. Particular



attention was given to the conditioning of insulation and oil where transformers and reactors were being erected in the field.

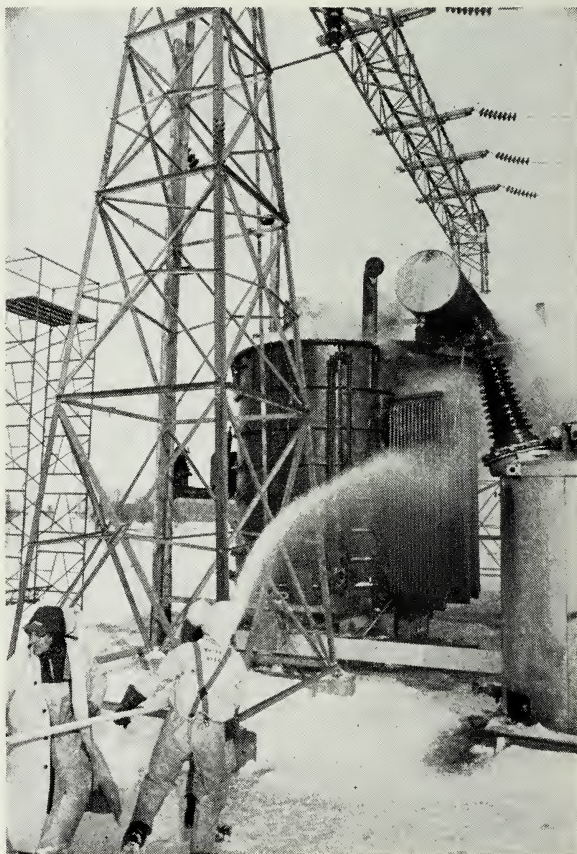
Two stators on large hydro-electric units were rewound, one on a unit at Kakabeka Falls that has been in service since 1914, and the other on a 25-cycle unit at Sir Adam Beck-Niagara Generating Station No. 1, originally placed in service in 1922. Complete field re-insulation of this latter unit was also carried out.

When some high-voltage bushings showed a tendency to accelerated deterioration, a special field-testing program was introduced for the purpose of disclosing the bushings so affected and establishing the priority of the replacement program.

Tests were conducted on a number of stations for the purpose of evaluating the effectiveness of fire-detection equipment. These tests, in conjunction with others carried out under simulated conditions with the assistance of the Commission's Research Division, will be used in the future as guides for the installation and maintenance of this type of equipment throughout the systems.

**TRANSFORMER FIRE TESTS** — Some modern trends, such as those toward the use of larger transformers, more compact station arrangements, and operation by remote control, may be contributing to increases in the risks of fire at transformer stations. For this reason, the Commission recently reviewed its fire protection policies as applied to transformer stations and decided to conduct full-scale fire tests.

Using obsolete equipment in a test station established at the site of the Pickering Generating Station project, four tests were conducted during 1966 under varying weather conditions. The tests provided indications of the added protection or increased hazard offered by certain arrangements of station equipment and materials, and of the relative effectiveness of various fire-extinguishing techniques. The results are expected to be of significant value to design and operations personnel in efforts to reduce fire risks at transformer stations.



## Line Maintenance

Efficient methods and equipment were developed for bare-hand work in live-line maintenance on 500-kv lines. The program of work culminated in early November in a demonstration for the benefit of visitors from other utilities, at which some of the most efficient means were shown for ensuring maintenance of all components on the extra - high - voltage line without interruption to service.

The Commission's staff worked closely with the manufacturer in developing a power-operated cable car that will traverse the transmission lines for the purpose of line inspection, and for the addition or replacement of torsional dampers. The cars ultimately purchased and placed in service in mid 1966 are 850 pounds in weight when loaded. Powered by a 7-horsepower gasoline engine, they will travel at up to four miles per hour. The wheel arrangement on the cars will permit them to clear the transmission tower suspension as they move from span to span. They were used chiefly on 230-kv lines, where they reduced by 50 per cent the time required for work in the addition or replacement of dampers. A car for use on the extra - high - voltage line was also purchased.

During 1966, a four-year program was begun using tension-stringing techniques for the replacement of ground cables on the three transmission lines built nearly forty years ago to bring power from the Province of Quebec to the Toronto area. Replacement under tension was possible despite the seriously deteriorated condition of the original ground cable, and this has considerably facilitated the operation.



**CABLE CARS FOR LIVE-LINE WORK** — These cable cars were introduced in 1966 for use in work on live transmission lines, such as the inspection, replacement, or installation of vibration dampers. They are shown in use on the 230-kv line between London and Sarnia, where they enabled linemen to complete a program of vibration-damper installation and replacement in about half the time that would otherwise have been required.



First there is no need, as with normal stringing methods, to install rider poles or slings to prevent the ground wire from sagging at points where the circuit crosses roads, railways, or other power and communication lines. The tension-stringing equipment can be conveniently located on roads at approximately 10-mile intervals. Linemen are transported from tower to tower by helicopter, and are lifted from one tower and lowered from the helicopter to the next tower by a winch. There is no need for ground equipment to traverse the right of way.

The application of higher electrical test voltage to 115-kv cables was introduced for the purpose of discovering any weakness that might lead to the failure of the cables in service. This will disclose incipient faults and prevent them from occurring in service. If all components stand up satisfactorily under test at a direct-current voltage of 600 kilovolts, there is reasonable certainty that the cable will function well in service. If defective components are discovered, provision can be made for their replacement under planned, rather than emergency conditions.

On routine and special patrols of transmission line, the Commission's helicopters inspected approximately 171,500 circuit miles of transmission line. They



By carrying linemen from the top of one transmission tower to another, this helicopter is facilitating an extensive program for the replacement of ground cable on old transmission lines. More conventional methods, which are still used for this work in windy weather, require linemen to climb each tower four times.



were also used for survey work, particularly in the interconnection planned between the East and West Systems. The Sikorsky machine was used in the installation of 180 poles on a 10-mile, 7,200-volt line through inaccessible terrain in the Georgian Bay Region, and also for replacement of the ground wire on 230-kv circuits in the Eastern and Central Regions.

A Bell Jet Ranger was ordered at the end of the year for use in extensive line construction planned for the next four years.

### Forestry

Forestry work for the pruning or removal of trees was carried out along more than 19,000 miles of transmission and rural-distribution lines during 1966. Approximately 12,000 trees blighted by elm disease were removed.

During the year, performance testing was carried out on a mobile unit equipped with a 45-foot aerial bucket device and with a built-in chipper and a dump body. The equipment was acquired in order to test its feasibility in forestry line-clearing operations. It will be used in several locations, especially for the evaluation of the performance of its somewhat higher aerial device and the built-in chipper.



**OFF-ROAD VEHICLE UNDER TEST** — A number of vehicles of this type are used in forestry and line construction and maintenance work. Their articulated chassis and large rubber tires make them suitable for use in rough and varied terrain throughout the year. This particular vehicle, shown under test in forestry work, has a 32-foot aerial bucket device and a built-in chipper for disposing of pruned branches.

The use of the hydraulic spray boom, introduced in 1965, was more widely extended during 1966. Its roadside spraying capability is estimated at over four times that of earlier techniques employing the hydraulic sprayer hose and gun. Experiments were continued with the herbicide Tordon, originally tested in 1964. It offers considerable promise not only as a regular stem foliage spray, but also as an aerial spray applied by helicopters. Some test-plot work was done with pelletized Tordon in order to assess its feasibility for use in locations where the brush growth is widely scattered.

Other experimental helicopter operations during 1966 sought to establish what advantage there might be in the use of a larger helicopter in the application of herbicide in greater volume, or in the use of thickened herbicide while flying at greater speed.

In total 36,100 trees were planted during the year, the large majority in the Eastern Region.

### **Protection and Control**

The protective arrangements, particularly those on the 230-kv network, have been extensively re-examined with a view to obtaining both higher speed in operation and greater security for the system. Modifications to protection equipment are now being introduced at most major terminal stations. Speed in the operation of relays has become a critical problem with the requirement for reduction in the time needed for clearing faults. Protective equipment was modified at a number of major terminal stations.

The Commission now operates more than 200 fixed radio stations and over 1,050 radio-equipped vehicles in its construction and maintenance activities. Radio interference between trucks in adjoining administrative areas is therefore becoming increasingly a problem. The difficulty can be overcome only by applying different frequencies to trucks in adjoining areas, and new solid-state radios with narrower operating bands are now being purchased with facilities for operating on four separate frequencies.

Communication between the East and West Systems has been improved by the full-time use of a leased telephone circuit. The Ellesmere radio station, which for many years was the Toronto terminal for radio communication, will now be dismantled.

### **SUPPLY**

The total value of goods and services purchased by the Commission during 1966 exceeded \$268 million. Of this, approximately \$40 million was for coal to be used at the thermal-electric stations. Most of the remainder was for equipment and materials required in the continuing construction of new generating, transmission, and transformation facilities.

Late in the year, the Commission entered into long-term agreements with Rio Algom Mines Limited and Eldorado Mining and Refining Limited for the supply of uranium oxide powder to be used in the manufacture of fuel for nuclear-electric generating units. The total amount of uranium oxide to be supplied under these agreements is about 6,500 short tons, which is to be delivered at an accelerating rate over the years from 1967 to 1980. This is estimated to be sufficient to provide for the manufacture of nuclear fuel to meet the Commission's requirements, both





The Commission makes use of the most modern equipment and techniques in order to ensure that work on transmission and distribution lines is carried out efficiently and economically. Here a line crew is using an insulated aerial bucket truck and other specialized equipment in a combination of bare-hand and hot-stick techniques to move a live line beside a busy highway.

for initial fuelling and refuelling purposes, under a tentative program which assumes that one 500,000-kilowatt nuclear-electric unit will be commissioned in each year from 1970 to 1980 inclusive. This program should be of particular benefit to the national economy since the nuclear fuel used will be entirely of Canadian origin, while the very large tonnages of coal that otherwise would be required would have to be in large part imported from the United States.

The Commission is constantly facing pressures by suppliers for increases in lead time — the period between the receipt of an order and the delivery of goods. These pressures were even more insistently applied in 1966 as a reflection of the continuing economic boom, and the high incidence of labour strikes in major industries. With the Commission's requirements for goods and services increasing at a rate that matches the rapid growth in its customers' demands for electricity, this situation has led to the adoption of a number of new or revised procurement policies and practices.

Orders for components for coal-fired and nuclear-fuelled thermal-electric units, now being installed with capacities of about 500,000 kilowatts, are being placed for four units at one time in order to assist both the supplier and the Commission in meeting scheduled in-service dates. Contracts for supplies of coal from United States mines have been negotiated to cover periods extending until 1986, assuring

a dependable and economical supply of this commodity during a time when requirements, both of the Commission and of other coal-users, are expected to increase substantially. Long-term arrangements have been made for the transportation of coal from the mines by rail and water to the Commission's generating stations. These arrangements have led United States railroads to establish extensive and efficient new coal-storage and handling facilities at Lake Erie ports, and have resulted in the commissioning by shipping companies of a number of self-unloading vessels with capacities of more than 25,000 tons.

## SECTION II

### FINANCE

**T**HE Balance Sheet and the Statement of Operations are included in this section of the Report, together with the statements of the Allocation of the Cost of Primary Power, Equities Accumulated through Debt Retirement Charges, Reserve for Stabilization of Rates and Contingencies, and Source and Application of Funds. Supporting statements and schedules are in Appendix II, which includes a detailed statement of the allocation of the cost of primary power. This statement itemizes for each municipality its share of the total cost of power, the amount billed under its interim rate, and the resulting refund or additional charge.

The statement of assets held for the pension and insurance fund is set out separately in the Staff Relations section on page 99.

The customers of the Commission are subdivided into three main groups. The group designated as Municipalities comprises the municipal electrical utilities served with power at cost for resale to their customers. The second group is the Direct Customers, which are for the most part industrial companies with loads over 5,000 kilowatts, served directly by the Commission. The third group, Retail Customers, comprises all other customers served directly by the Commission, whether located in rural areas or in certain towns, townships, and villages where



the Commission owns and operates the distribution facilities, including those former Direct Customers having loads of under 5,000 kilowatts.

### Financial Position

Fixed assets less accumulated depreciation increased by \$155.7 million during the year, and at December 31, 1966 amounted to \$2631.0 million.

The expenditures on fixed assets during the year amounted to \$211.3 million, including outlays of \$103.0 million on thermal-electric generating stations, \$28.9 million on hydro-electric generating facilities, \$22.6 million on transformer stations, \$21.6 million on transmission lines, and \$20.3 million on retail facilities. The major outlays on thermal-electric generating stations were expenditures of \$41.4 million on Lakeview Generating Station, \$28.8 million on Lambton Generating Station, \$19.5 million on combustion turbines, and \$9.1 million representing the Commission's share of the expenditures on Pickering nuclear generating station. The major outlays on hydro-electric generating facilities were \$13.2 million on the Mountain Chute project on the Madawaska River, and \$5.1 million on Kipling Generating Station on the Mattagami River.

The Commission's long-term liabilities and notes payable amounted to \$2,237.0 million at December 31, 1966. This represents a net increase of \$130.9 million in the year, of which \$98.7 million was in bonds and \$32.2 million in notes. During the year the Commission issued bonds of \$155 million (Canadian) and \$35 million (U. S.).

The balance in the Reserve for Stabilization of Rates and Contingencies amounted to \$153.9 million at the end of 1966, up \$15.8 million from the balance at the end of 1965. This reserve has been established to absorb the effects on cost of variations in stream flow, the possibility of loads varying from the levels forecast, major physical damage to plant and equipment or their premature retirement, exchange risk on debt payable in United States funds, and other contingencies arising in the operations of the Commission. It is not used to offset normal increases in costs.

### Revenues

Revenues for the year 1966 amounted to \$336.4 million, larger by 8.1 per cent than those in the previous year. While there were some significant rate revisions, particularly the over-all reduction in retail rates, the higher revenues in 1966 are mainly the result of increased demands for power. Revenue from municipalities increased over 1965 revenue by \$14.8 million or 8.0 per cent, from retail customers by \$6.4 million or 8.4 per cent, and from direct customers by \$4.0 million or 7.9 per cent.

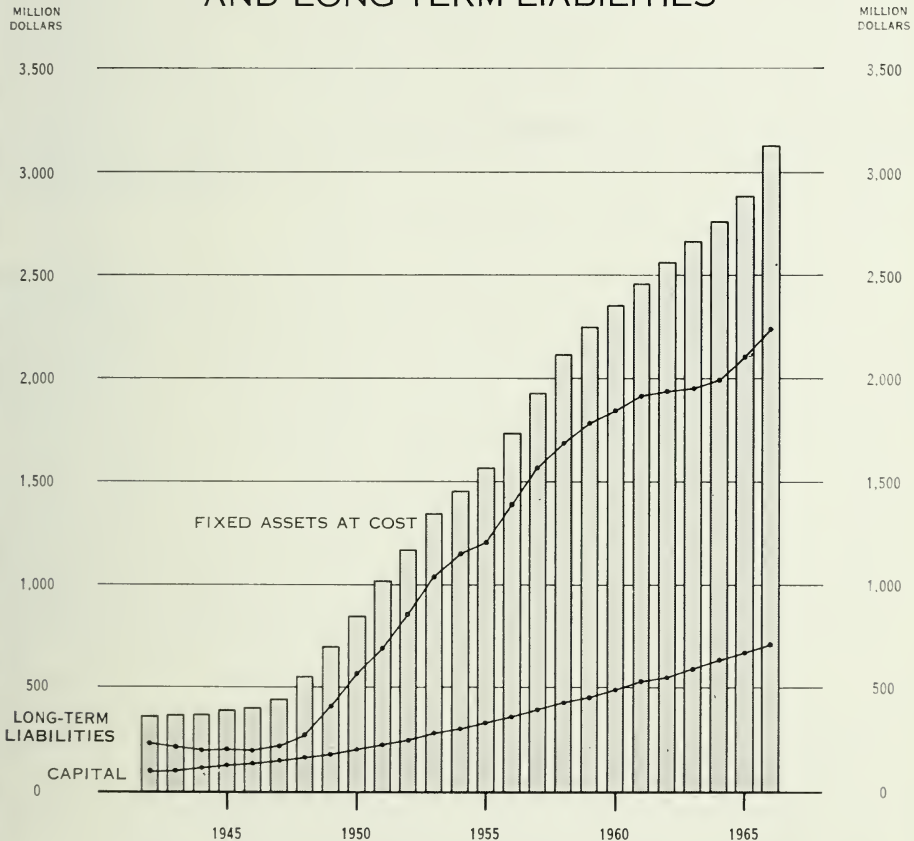
### Costs

Costs before reserve provisions rose from \$312.8 million in 1965 to \$327.2 million in 1966. Operating, maintenance, and administrative expenses increased by \$15.4 million. Other factors contributing to higher costs were an increase of

\$3.6 million in interest expense resulting from greater long-term liabilities, and an increase of \$2.2 million in the provision for depreciation reflecting the continuing growth of fixed assets in service. Partly offsetting the above increases, the amortization of frequency standardization costs decreased by \$7.7 million reflecting the reduction in the assessment to 60-cycle customers in the standardized area of the former Southern Ontario System from \$5.00 per kilowatt in 1965 to \$3.00 per kilowatt in 1966.

In 1966 a provision of \$9.7 million was made to the Reserve for Stabilization of Rates and Contingencies, because stream flows improved substantially over the average, and loads were greater than those forecast when facilities were planned. This provision compares with a withdrawal of \$2.0 million made in 1965.

### FIXED ASSETS, CAPITAL, AND LONG-TERM LIABILITIES



## Allocation of Costs

In the Chairman's Letter of Transmittal for the 1965 Report, reference was made to a two-year study which had been undertaken in response to a request of the Ontario Municipal Electric Association, and which had been used as the basis for the development of a new method of cost allocation. The purpose and application of the new method were explained to Association representatives at a series of district meetings in the latter part of 1965, and the new method, approved at the Association's annual meeting in 1966, was adopted effective January 1, 1966.

One of the more significant changes introduced as part of the new method was the establishment of an entity to be known as the Power District. It includes all of the Commission's retail customers, whether in rural areas or in those communities where the Commission owns and operates the distribution facilities, as well as those customers, for the most part industrial, served directly by the Commission.

The costing load for the Municipalities, that is the total demand in kilowatts over which their share of annual costs is to be spread, is the sum of the averages of their respective twelve monthly peaks. For purposes of the costing load, the Power District is to be regarded, like a municipality, as a unit. The coincident peak load of the Power District in any one month, in view of the diversity among its many component loads, will be somewhat less than the sum of the individual peaks which occur at different times in the month. Costs will be allocated on the basis of the average of the twelve coincident monthly totals so established. Customers in the Power District will thereby enjoy the benefits of diversity in the same manner as customers served by a municipal utility, since in each instance the costing load is similarly calculated.

Under the former method of cost allocation, costs of the power-supply function were divided into peak and energy portions, in recent years equal portions, roughly in accordance with the incremental costs of supplying additional peak capacity and additional energy. These portions were in turn allocated to peak and energy loads of Municipalities and other customer groups at the average rates per kilowatt and per kilowatt-hour established at the end of the year. The Municipalities were, however, billed throughout the year at an interim rate per kilowatt which could not make allowance for the energy use to which this load was being applied. Any significant change in a municipality's annual load factor, therefore, by increasing or decreasing the energy portion of its load in relation to its peak load tended to create wide swings in its cost of power by exposing it to end-of-year energy-cost adjustments at kilowatt-hour rates that were unpredictable until after the conclusion of the year's operations. The new costing method assumes a uniform energy rate, roughly the incremental cost of producing additional energy on the system as a whole. The energy portion of the total cost of power is distributed at this rate throughout the year. The rate of 2.75 mills per kilowatt-hour used in 1966 is considered appropriate for perhaps a five-year period. Cost recovery by this method will represent a larger portion of total cost than that recovered by the energy portion under the former division

between peak and energy loads. The interim rates per kilowatt for the Municipalities have accordingly been lowered substantially. Furthermore, the introduction of an interim rate with demand and energy components will permit monthly billings to reflect changes in a municipal utility's load factor, and will thus minimize the effect of these changes on year-end billing adjustments.

The extent of system-wide pooling of costs was increased in 1966 to include certain costs formerly allocated on the basis of five separate geographic areas.

The treatment of equities accumulated through debt retirement charges was also modified in 1966 by the introduction of a "return on equity" concept to replace the former method of applying credits to such portions of the debt retirement fund as were regarded as matured. Under the new concept, a 4 per cent return is allowed on equities accumulated through debt retirement charges, exclusive of those applicable to the Commission's retail distribution system. This return is credited in the cost of power to the Municipalities and to the Power District, and the cost of so doing is uniformly allocated to Municipalities and the Power District on the basis of the average of their monthly peak loads.

### **Data Processing**

The Commission's first Univac II computer was placed in service in 1958, and as requirements for computer services increased, a second computer was installed in 1963. By 1966, demands for computer usage had reached the point where even this augmented capacity was loaded almost to its maximum. More extensive use was therefore made of rented facilities at other data centres, and supplementary equipment in the form of an IBM 1401 computer was introduced to handle small jobs.

With a view to establishing a comprehensive program for the provision of data processing services, the Commission in April 1966 solicited from seven computer manufacturers their proposals for the replacement of the general-purpose computing equipment then in service. Proposals by three manufacturers were submitted in June, and a Computing Services Technical Committee was assigned the task of evaluating these proposals and making a recommendation for the selection of equipment. With the assistance of an evaluation team composed of senior data processing staff and representatives of selected engineering groups, tests of the equipment were carried out in addition to an exhaustive study of the various proposals. By the end of the year the Committee had reached the final stages in preparing its recommendation for the lease of large-scale, third generation computer equipment, not only to replace the former equipment, but also to perform the work being carried out at outside data-processing centres.



## THE HYDRO-ELECTRIC POWER

## BALANCE SHEET AS AT

(with comparative figures)

## ASSETS

|  | 1966                 | 1965                 |
|--|----------------------|----------------------|
|  | \$                   | \$                   |
| <b>FIXED ASSETS (Notes 1 and 2)</b>  |                      |                      |
| Plant in service at cost.....  | 2,888,212,530        | 2,791,096,592        |
| Less accumulated depreciation.....   | 494,461,316          | 455,883,590          |
|  | <u>2,393,751,214</u> | <u>2,335,213,002</u> |
| Plant under construction at cost.....  | 237,247,643          | 140,118,458          |
|  | <u>2,630,998,857</u> | <u>2,475,331,460</u> |
| <b>CURRENT ASSETS</b>  |                      |                      |
| Cash and short-term investments (Note 3).....                                    | 73,204,880           | 78,045,547           |
| Accounts receivable.....   | 56,186,798           | 46,242,480           |
| Coal at cost.....  | 37,060,200           | 21,939,292           |
| Materials and supplies at cost.....  | 15,981,643           | 14,095,439           |
|  | <u>182,433,521</u>   | <u>160,322,758</u>   |
| <b>DEFERRED CHARGES AND OTHER ASSETS</b>   |                      |                      |
| Frequency standardization cost less amounts written off.....                     | 119,657,901          | 128,051,088          |
| Discount and expense on bonds and notes payable less<br>amounts written off..... | 21,517,246           | 21,835,332           |
| Long-term accounts receivable.....   | 6,054,768            | 4,746,248            |
| Other assets.....  | 9,431,021            | 8,312,009            |
|  | <u>156,660,936</u>   | <u>162,944,677</u>   |
| <b>INVESTMENTS (Note 4)</b>  |                      |                      |
| Investments held for   |                      |                      |
| Reserve for stabilization of rates and contingencies.....                        | 148,927,387          | 134,022,855          |
| Debt retirement fund.....  | 67,338,190           | 51,437,468           |
| Employer's liability insurance fund.....   | 3,242,139            | 3,238,338            |
|  | <u>219,507,716</u>   | <u>188,698,661</u>   |
|  | <u>3,189,601,030</u> | <u>2,987,297,556</u> |

See accompanying notes on pages 35 and 36.

## AUDITORS' REPORT

We have examined the balance sheet of The Hydro-Electric Power Commission of Ontario as at December 31, 1966 and the statements of operations and source and application of funds for the year ended on that date. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of operations and source and application of funds present fairly the financial position of the Commission as at December 31, 1966, the results of its operations, and source and application of funds for the year ended on that date.

CLARKSON, GORDON &amp; CO.

Chartered Accountants.



## COMMISSION OF ONTARIO

DECEMBER 31, 1966

as at December 31, 1965)

## LIABILITIES, CAPITAL AND RESERVE

|   | 1966          | 1965          |
|---|---------------|---------------|
|   | \$            | \$            |
| LONG-TERM LIABILITIES                                     |               |               |
| Bonds payable   |               |               |
| In Canadian funds.....                                    | 1,705,442,400 | 1,641,030,600 |
| In United States funds (\$417,795,000 U.S.).....          | 423,228,640   | 387,240,224   |
| Advances from the Province of Ontario.....                | 5,734,446     | 7,453,263     |
| Total, including \$152,764,986 maturing in 1967.....      | 2,134,405,486 | 2,035,724,087 |
| NOTES PAYABLE   |               |               |
| Notes payable maturing within three years of which        |               |               |
| \$100,200,000 are due in 1967.....                        | 102,600,000   | 70,400,000    |
|   | 2,237,005,486 | 2,106,124,087 |
| CURRENT LIABILITIES                                       |               |               |
| Accrued interest.....                                     | 33,069,294    | 29,621,765    |
| Accounts payable and accrued charges.....                 | 44,344,854    | 32,791,357    |
|   | 77,414,148    | 62,413,122    |
| DEFERRED LIABILITIES                                      |               |               |
| Customers' deposits.....                                  | 5,528,419     | 5,208,145     |
| Employer's liability insurance fund.....                  | 3,838,988     | 3,505,072     |
|   | 9,367,407     | 8,713,217     |
| CAPITAL AND RESERVE                                       |               |               |
| Contributed capital                                       |               |               |
| Equities accumulated through debt retirement charges....  | 592,764,837   | 553,434,708   |
| Province of Ontario, assistance for rural                 |               |               |
| construction (Note 5).....                                | 119,192,807   | 118,584,980   |
|   | 711,957,644   | 672,019,688   |
| Reserve for stabilization of rates and contingencies..... | 153,856,345   | 138,027,442   |
|   | 865,813,989   | 810,047,130   |
|   | 3,189,601,030 | 2,987,297,556 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## STATEMENT OF OPERATIONS

for the Year Ended December 31, 1966

(with comparative figures for 1965)

|   | 1966        | 1965        |
|---|-------------|-------------|
|   | \$          | \$          |
| REVENUES  |             |             |
| Municipalities.....   | 200,198,916 | 185,409,040 |
| Retail customers.....   | 82,340,694  | 75,944,902  |
| Direct customers.....   | 53,897,175  | 49,946,079  |
|   | 336,436,785 | 311,300,021 |
| COSTS   |             |             |
| Operating, maintenance and administrative expenses.....   | 107,467,781 | 92,042,570  |
| Interest (Note 6).....  | 76,799,907  | 73,234,352  |
| Depreciation.....   | 45,105,311  | 42,863,800  |
| Debt retirement charge (Note 7).....  | 39,330,128  | 38,960,777  |
| Fuel used for electric generation.....  | 34,836,272  | 35,791,749  |
| Amortization of frequency standardization cost (Note 9)....   | 12,983,391  | 20,681,081  |
| Power purchased.....  | 13,283,479  | 13,031,906  |
| Sales of secondary energy.....  | 2,583,820   | 3,805,835   |
| Total before reserve provision (withdrawal).....  | 327,222,449 | 312,800,400 |
| Provision ( <i>Withdrawal</i> ) for stabilization of rates<br>and contingencies.....                                      | 9,658,125   | 2,047,946   |
|   | 336,880,574 | 310,752,454 |
| Transferred <i>from</i> (to) the reserve for stabilization of rates<br>and contingencies—direct and retail customers..... | 443,789     | 547,567     |
|   | 336,436,785 | 311,300,021 |

See accompanying notes on pages 35 and 36.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO  
STATEMENT OF THE ALLOCATION OF THE COST OF  
PRIMARY POWER  
for the Year Ended December 31, 1966

|  | MUNICIPALITIES | POWER DISTRICT (Note 8)    |                  | TOTAL        |
|--|----------------|----------------------------|------------------|--------------|
|  |                | Retail Customers (Note 10) | Direct Customers |              |
| <b>COSTING LOADS AND ENERGY</b>  |                |                            |                  |              |
| Average of 12 monthly peaks in kilowatts . . . .   | 4,779,910.0    | 928,673.0                  | 1,231,315.5      | 6,939,898.5  |
| Total energy in megawatt-hours . . . . .   | 28,608,782.0   | 5,795,758.8                | 10,290,365.3     | 44,694,906.1 |
|  | \$             | \$                         | \$               | \$           |
| <b>COST OF PRIMARY POWER</b>   |                |                            |                  |              |
| Cost, excluding items shown below . . . . .  | 182,906,171    | 79,695,236                 | 51,998,628       | 314,600,035  |
| Frequency standardization assessment (Note 9) . . . . .                                  | 10,808,834     | 1,158,518                  | 655,062          | 12,622,414   |
| Cost of return on equity (Note 8) . . . . .  | 14,303,699     | 2,786,230                  | 3,677,453        | 20,767,382   |
| Return on equity (Note 8) . . . . .  | 14,431,142     | 2,712,092                  | 3,624,148        | 20,767,382   |
| Total, before reserve provision . . . . .  | 193,587,562    | 80,927,892                 | 52,706,995       | 327,222,449  |
| Provision for stabilization of rates and contingencies . . . . .                         | 6,611,354      | 1,311,762                  | 1,735,009        | 9,658,125    |
| Cost of primary power allocated to customers (Note 8) . . . . .                          | 200,198,916    | 82,239,654                 | 54,442,004       | 336,880,574  |
| <b>AMOUNTS BILLED FOR PRIMARY POWER . . . . .</b>  | 198,337,179    | 82,340,694                 | 53,897,175       | 334,575,048  |
| <b>EXCESS (Deficiency) OF AMOUNTS BILLED OVER COSTS</b>                                  |                |                            |                  |              |
| Charged to Municipalities . . . . .  | 1,861,737      | .....                      | .....            | 1,861,737    |
| Transferred from (to) the reserve for stabilization of rates and contingencies . . . . . | .....          | 101,040                    | 541,829          | 443,789      |

See accompanying notes on pages 35 and 36.

THE HYDRO-ELECTRIC POWER

EQUITIES ACCUMULATED THROUGH  
for the Year Ended

|   | ALLOCATED      |                |
|---|----------------|----------------|
|   | Municipalities | Power District |
|   | \$             | \$             |
| Balances at December 31, 1965.....          | 396,895,621    | 96,643,809     |
| Distribution of unallocated equities.....   | 8,153,681      | 51,741,598     |
|   | 405,049,302    | 148,385,407    |
| Add   |                |                |
| Debt retirement charge to operations. . . . | 25,297,969     | 14,032,159     |
| Equities transferred through annexations.   | 852,344        | 852,344        |
| Balances at December 31, 1966.....          | 431,199,615    | 161,565,222    |

RESERVE FOR STABILIZATION  
for the Year Ended

|   | HELD FOR THE<br>BENEFIT OF ALL<br>CUSTOMERS |
|---|---|
|   | \$  |
| Balances at January 1, 1966.....  | 120,184,682                                 |
| Add   |   |
| Interest for the year at rates approximating the earnings on investments<br>held for the reserve..... | 5,983,759                                   |
| Provision ( <i>Withdrawal</i> ) charged to Operations.....  | 9,789,072                                   |
|   | 135,957,513                                 |
| Deduct  |   |
| Excess of direct and retail customers' cost over revenue.....   | 225,074                                     |
| Net loss on redemption of bonds payable and sale of investments.....                                  |   |
| Grant to Ontario Municipal Electric Association.....  |   |
|   | 225,074                                     |
| Balances at December 31, 1966.....  | 135,732,439                                 |

See accompanying notes on pages 35 and 36.



## COMMISSION OF ONTARIO

## DEBT RETIREMENT CHARGES

December 31, 1966

| UNALLOCATED (Note 11)          |  | TOTAL                      |
|--------------------------------|--|----------------------------|
| Province of Ontario            | Administrative and Service Buildings and Equipment |                            |
| \$<br>54,859,224<br>54,859,224 | \$<br>5,036,055<br>5,036,055                       | \$<br>553,434,709<br>..... |
| .....                          | .....  | 553,434,709                |
| .....                          | .....  | 39,330,128<br>.....        |
| .....                          | .....  | 592,764,837                |

## OF RATES AND CONTINGENCIES

December 31, 1966

| HELD FOR THE BENEFIT OF CERTAIN GROUPS OF CUSTOMERS |                           |                                   |  |                  | TOTAL                  |
|---|---------------------------|-----------------------------------|--|------------------|------------------------|
| Municipalities                                      |                           | Power District                    |  |                  |                        |
| All Municipalities<br>(Note 12)                     | Former Thunder Bay System | All Direct Customers<br>(Note 13) | Direct Customers Former Northern Ontario Properties<br>(Note 13) | Retail Customers |                        |
| \$<br>1,081,163                                     | \$<br>124,722             | \$<br>5,769,911                   | \$<br>6,046,477  | \$<br>4,820,487  | \$<br>138,027,442      |
| 51,995  | 6,225<br><i>130,947</i>   | 287,585                           | 301,369  | 240,263          | 6,871,196<br>9,658,125 |
| 1,133,158   | .....                     | 6,057,496                         | 6,347,846  | 5,060,750        | 154,556,763            |
| .....   | .....                     | 544,829                           | .....  | <i>101,040</i>   | 443,789                |
| 31,555  | .....                     | .....                             | .....  | .....            | 225,074<br>31,555      |
| 31,555  | .....                     | 544,829                           | .....  | <i>101,040</i>   | 700,418                |
| 1,101,603   | .....                     | 5,512,667                         | 6,347,846  | 5,161,790        | 153,856,345            |

**THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO**  
**STATEMENT OF SOURCE AND APPLICATION OF FUNDS**  
**for the Year Ended December 31, 1966**  
 (with comparative figures for 1965)

|  | 1966               | 1965               |
|--|--------------------|--------------------|
|  | \$                 | \$                 |
| <b>Source of Funds</b>   |                    |                    |
| Operations—  |                    |                    |
| Depreciation—  |                    |                    |
| Direct provision.....  | 45,105,311         | 42,863,800         |
| Indirect provision.....  | 5,611,908          | 5,246,387          |
| Debt retirement charge.....  | 39,330,128         | 38,960,777         |
| Frequency standardization amortization of cost, less interest on the account.....    | 8,210,899          | 15,394,866         |
| Interest added to reserve for stabilization of rates and contingencies.....          | 6,871,196          | 6,411,182          |
| Provision ( <i>Withdrawal</i> ) for stabilization of rates and contingencies.....    | 9,658,125          | 2,047,946          |
| Excess ( <i>Deficiency</i> ) of direct and retail customers' revenues over cost..... | 443,789            | 547,567            |
| Other items.....   | 3,070,308          | 2,770,181          |
|  | <u>117,414,086</u> | <u>110,146,814</u> |
| Proceeds from issues of bonds and notes less retirements.....                        | 128,266,086        | 104,254,592        |
| Net increase in amounts held in cash and investments.....                            | 26,326,569         | 65,804,974         |
|  | <u>101,939,517</u> | <u>38,449,618</u>  |
| Increases in accounts and interest payable.....                                      | 15,001,026         | 11,171,154         |
|  | <u>234,354,629</u> | <u>159,767,586</u> |
| <b>Application of Funds</b>  |                    |                    |
| Expenditures on fixed assets, less proceeds from sales, etc.....                     | 205,776,789        | 147,312,615        |
| Increases in accounts receivable.....  | 11,252,838         | 6,863,614          |
| Increases in coal, materials, and supplies.....                                      | 17,007,112         | 2,974,161          |
| Other items—net.....   | 317,890            | 2,617,196          |
|  | <u>234,354,629</u> | <u>159,767,586</u> |

## NOTES TO FINANCIAL STATEMENTS

as at December 31, 1966

1. The construction of Pickering nuclear generating station is a joint undertaking with about 40% of the cost being provided by the Commission, 33% by Atomic Energy of Canada Limited, and 27% by the Province of Ontario with ownership being vested in the Commission. Contributions by Atomic Energy of Canada Limited and the Province of Ontario to December 31, 1966 have been deducted in arriving at the cost of plant under construction. The contributions will be repayable only if, as, and when the plant has operational savings in comparison with the Commission's coal-fired Lambton Generating Station near Sarnia.
2. Tools and equipment, shown as current assets in previous years, have been reclassified as fixed assets, the original cost being included with plant in service, and the depreciation with accumulated depreciation. The comparative figures for 1965 have been adjusted accordingly.
3. On December 31, 1966, cash amounted to \$2,282,526; short-term investments, which are included at amortized cost (approximately market value), consisted of interest-bearing deposits in banks and trust companies, \$49,016,244, government and government-guaranteed bonds, \$15,936,985, and corporate obligations, \$5,969,125.
4. On December 31, 1966, investments, which are included at amortized cost, consisted of government and government-guaranteed bonds, \$218,513,779, and corporation bonds, \$993,937. At this date the market value of these investments was \$209,222,000.
5. The Province of Ontario contributed \$607,827 during 1966 as assistance for rural construction.
6. Interest cost includes interest on long-term liabilities, notes payable, and the reserve for stabilization of rates and contingencies, less interest capitalized and interest earned on investments.
7. In 1966, the method of determining the debt retirement charge was modified, and as a result the charge to operations of \$39,330,128 was about \$2,000,000 less than it would otherwise have been.
8. Effective January 1, 1966 the methods of allocating the cost of primary power to each customer were substantially revised to reflect the increasing importance of the cost of producing energy, to achieve a greater pooling of costs on a province-wide basis, and to recognize the diversity in the loads of other than municipal customers. For the purpose of cost allocation in 1966 Retail and Direct Customers have been grouped in a single entity known as the "Power District". Costs considered to be variable with energy have been charged both to the Power District and the Municipalities at 2.75 mills per kilowatt-hour. Costs attributable to retail operations and other costs relating to facilities provided for specific customers or groups of customers were charged directly to the customers concerned. The balance of costs remaining have been allocated proportionately to the average monthly peak load of the Power District as a whole, and the average monthly peak loads of the individual Municipalities.  
Also in 1966 a "return on equity" concept was introduced to replace the former method of applying credits resulting from matured debt retirement equities. Under the new concept the cost of power of each Municipality and of the Power District was credited with a 4% return on equities accumulated through debt retirement charges. In applying these credits, adjustments were made in recognition of Direct Customers' contributions for debt retirement prior to 1966. The cost of providing the return on equity was allocated to Municipalities and the Power District on the basis of the average of their costing loads.
9. The 1966 frequency standardization assessment comprises:
 

|   |                     |
|---|---------------------|
| A charge of \$3.00 per kilowatt of costing load (\$5.00 per kilowatt in 1965) to all 60-cycle customers in the standardized area of the former Southern Ontario System.....   | \$12,622,414        |
| In addition, an amount equal to the net revenue on the export of 60-cycle secondary energy from the former Southern Ontario System has been appropriated as in prior years for the amortization of frequency standardization costs..... | 360,977             |
| Total amortization as shown in the Statement of Operations.....   | <u>\$12,983,391</u> |

The reduction in the charge to customers from \$5.00 to \$3.00 per kilowatt will extend the amortization period by approximately three years.
10. The cost of primary power allocated to Retail Customers totalling \$82,239,654, includes retail distribution costs of \$40,567,119.

11. Unallocated equities at December 31, 1965 consisted of:
- (a) \$46,893,895 contributed to January 1, 1962, by persons previously served for the account of the Province of Ontario, and \$4,304,841 accumulated to January 1, 1962 by debt retirement provisions in respect of administrative and service buildings and equipment; and
  - (b) interest on these balances for the years 1962 to 1965 inclusive.

These unallocated equities have now been distributed to the Municipalities and the Power District. The amount relating to the Province of Ontario has been allocated to the benefit of persons in the former Northern Ontario Properties under the authority of Section 4 (1) of The Power Commission's Systems Consolidation Act 1961-1962.

12. The section of the reserve for stabilization of rates and contingencies called All Municipalities was previously described as Low-Voltage Cost Relief. This redesignation was made because the reserve is no longer required for its original purpose.
13. At January 1, 1966 the sections of the reserve for stabilization of rates and contingencies formerly shown as being held for the benefit of Direct Customers—within Municipalities and Direct Customers—Outside Municipalities have been combined because the formation of the Power District made this separation unnecessary.

Portions of the former sections arising from prepaid sinking funds are held for the specific benefit of Direct Customers in the former Northern Ontario Properties and comprise the following:

|   |                    |
|---|--------------------|
| Prepaid sinking fund allocated at January 1, 1962 to    |                    |
| Direct Customers—within Municipalities.....             | \$1,158,495        |
| Direct Customers—outside Municipalities.....            | 3,906,491          |
|   | <hr/>              |
|   | \$5,064,986        |
| Interest on these balances for the years 1962-1965..... | 981,491            |
|   | <hr/>              |
|   | <u>\$6,046,477</u> |



## SECTION III

### MARKETING AND THE COMMISSION'S CUSTOMERS

**T**HE total number of ultimate customers served by the Commission and the associated municipal electrical utilities was 2,187,767 at the end of the year. The Commission at that time was serving 557,429 retail customers. In addition to 525,544 rural customers, this latter total included 91 special customers having loads of under 5,000 kilowatts who were formerly served as direct industrial customers, and 31,794 customers in 28 communities where the Commission owns and operates the local distribution facilities. Because of the similarity in the method by which they are served, the customers in these 28 communities are included for statistical purposes with the municipal electrical utility customers in the introductory comment on retail service in the Municipal Service Supplement beginning on page 155.

#### **Load Building**

The Commission, through a marketing policy co-operatively supported by the municipal electrical utilities, continuously seeks to foster development of customer loads which will contribute to improved efficiency and economy in operation. Progress toward this goal is maintained by the balanced application of a variety of activities. First the possibilities of the market are explored through market research, and appropriate advertising is accordingly selected and scheduled. The sales effort is then programmed with specific objectives in mind. This is further supplemented by continuing market analysis of customer response to the service provided.

The regular province-wide promotions of major household appliances — dishwashers, clothes dryers, Cascade water heaters — were successfully carried out in conjunction with various allied agencies during the year. The advantages of electrical living have also been effectively presented to potential homemakers of the

next few years through the Home Economics Classroom Equipment Program which, with the co-operation of manufacturers, dealers, schools, and municipal utilities, has resulted in the installation of more than 4,000 appliances in some 600 schools in the Province.



McMICHAEL GALLERY, KLEINBURG, ONTARIO — An unusual opportunity for the application of electric heating was the design of this beautiful home constructed in the pioneer style, but equipped with those features of heating, lighting, and humidity control most likely to meet the requirements of its present use as an art gallery.

Beginning early in 1967, the Commission and the municipal utilities will be placing increasing emphasis on the value, and indeed the necessity in the interest of safety, of modernizing obsolete electrical installations in older premises to meet the requirements of the manifold uses of electricity today. The Commission will further encourage customers in this modernization by offering loans of from \$100 to \$2,000 under a convenient consumer credit plan that will enable them to avail themselves of the full advantages of permanently installed electric appliances and equipment, to enjoy the comfort of complete all-electric heating and cooling systems, and to take adequate advantage of major labour-saving devices on the farm.

In order to more effectively co-ordinate the promotion of electric heating with other electrical promotion program activities, the Ontario Electric Service League was amalgamated in 1966 with the Electric Heating Association of Ontario to become the Ontario Electrical League. The combined interests of all segments of the electrical and allied industries will undoubtedly be better served through this integrated activity.



During 1966, some 7,500 new homes, approximately 24 per cent of the total of single-dwelling unit starts in Ontario during the year, were equipped with electric heating, and approximately 1,700 single-family dwellings had their former heating systems replaced by electric heating. In the absence of any concentrated promotional effort specifically directed at this conversion market, these heating-system replacements in older dwellings clearly indicate a growing customer recognition of the superiority of electric heating. Interest has been no doubt stimulated by the greater variety and flexibility of electric-heating systems now available on the market. It has been enhanced also through a number of presentations and discussions with regard to wiring and all types of electric heating. These presentations were attended in all by more than 1,000 persons associated either with the building industry or with real-estate sales.

Correspondingly satisfactory progress was made during 1966 in the promotion of electric heating for commercial and industrial installations. New commercial electric-heating installations during the year included apartment dwellings incorporating some 4,200 suites, more than 50 schools, and 60 new motels. The 12,200 apartment suites now electrically heated represent a 52 per cent increase over the total at the end of 1965.

There is evidence also of increasing commercial and industrial interest in outdoor lighting of all types — basically functional, architectural, and protective. Under



McMICHAEL GALLERY, KLEINBURG, ONTARIO — The heating in the gallery is provided by electric cable in the ceiling. Effective lighting, accurate temperature control, and the fan circulation of moistened air from the indoor swimming pool to maintain a steady 50 per cent humidity offer ideal conditions for the display of the valuable collection of Canadian paintings.



The strong trend toward high-quality lighting in all types of buildings is typified by this installation in the cafeteria of Wellesley Hospital, Toronto.

the architectural flood-lighting program known as "Operation Aladdin", demonstrations were arranged in Belleville, Brantford, Fort William, Port Arthur, and Sudbury to complement the Centennial lighting program of the Canadian Electrical Association. Some of these installations have since been made permanent.

The interest of the modern farmer, whether in dairy, poultry, hog, beef, or cash-crop farming, is more and more directed towards the use of well-designed, completely automated systems for materials handling and for improved operating efficiency. The 1966 farm sales conference held in conjunction with the agricultural extension engineers of the Provincial Department of Agriculture was primarily directed toward consideration of this kind of equipment. The coming year should see the further extension of this form of workshop presentation carried out in conjunction with equipment suppliers and contractors throughout the province.

If the marketing effort is to remain vital and effective, recognition must be continuously given to the importance of regular training for those employees of the staff who are either directly engaged in selling or are responsible for administering sales programs. During the winter of 1965-66, four seminars were held for managers responsible for marketing activity. More than 225 persons attended these sessions, including managers and senior officers from the utilities and Head Office, as well as from the Regional and Area Offices. In addition, more than 275 persons attended other courses in selling techniques, or participated in home-study courses along these lines.



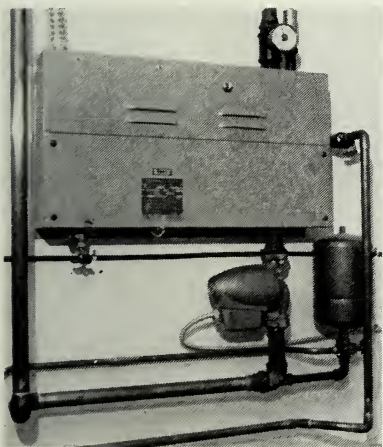
## Rate Development

Rate simplification is generally regarded as highly desirable, and it is certainly a long-range objective both for the Commission and for the municipal utilities. The recent development, in co-operation with the Association of Municipal Electrical Utilities, of a general rate applicable to all types of commercial and industrial customers was a worthwhile step in this direction. While implementation of the general rate is still in the very early stages, it will eventually greatly reduce the number of customer classifications and special rates.

Studies were undertaken on commercial water-heating and space-heating loads, and on various types of residential loads in subdivisions, ranging from those served predominantly by gas to those which are all-electric. Random samples of commercial and industrial loads were also measured with the purpose of establishing the load characteristics within groups at various load levels.

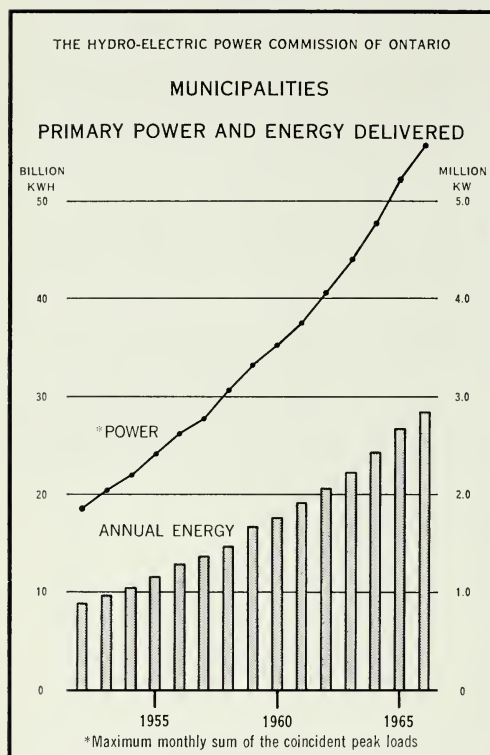
## MUNICIPALITIES

At the end of 1966, the Commission was supplying power under a cost contract with each of 358 municipal electrical utilities, and these in turn were serving a total of 1,630,255 customers. On January 1, 1967, however, a number of amalgamations took place when, under an Act of the Provincial Legislature, new borough administrations were established within Metropolitan Toronto. In conformity with this administrative regrouping, the customers formerly served by 12 separate municipal electrical utilities were redistributed, and the 12 utilities were consolidated into six.



**HYDRONIC ELECTRIC HOUSE-HEATING EQUIPMENT** — The extremely compact hydronic electric (hot-water) unit shown at the left can be conveniently installed on the wall of a basement or utility room. It fully meets the house-heating requirements of the dwelling shown at the right, in which it is installed. Together with central warm-air and heat-pump systems, baseboard, and radiant-heat ceiling cable systems, the addition of this type of electric-heating equipment now provides a wide variety of choice in meeting all heating requirements and customer preferences, both in newly constructed houses and for heating-system conversions. Over 5,000 houses in Ontario have been changed over to electric heating.

The new method of allocating the cost of primary power was introduced in January 1966, and changes in billing procedures were made accordingly. The interim rate per kilowatt of monthly peak load was continued, but at a substantially lower level than in the past, and a uniform rate per kilowatt-hour of energy delivered was introduced.



Under the previous method of allocation, the cost of the power-supply function, which represents about 60 per cent of the total cost of power, had been equally divided into demand and energy portions. These portions were then respectively distributed to customers at the unit costs per kilowatt and per kilowatt-hour which could be established only at the end of the year after the close of operations. The variation in the energy rate applied from year to year, together with the possible variation from year to year in a utility's load factor, could, and frequently did, result in fairly wide fluctuations in the total cost of power to the utility. The final unit cost per kilowatt, therefore, might differ considerably from the interim rate per kilowatt upon which monthly billings had been based, with the resulting requirement for extensive thirteenth-bill adjustments at the end of the year.

The application of a uniform energy rate, now 2.75 mills per kilowatt-hour, eliminates the first of these two variables. Furthermore, billing at this uniform rate throughout the year smooths out the effect of the second variable by permitting adjustments to changes in load factor month by month.

The demand part of the municipal utility's monthly bill is still calculated by applying the appropriate interim rate to the maximum average demand registered by the utility over a period of twenty consecutive minutes in the month. The implications and advantages of certain other changes in the method of determining and allocating costs in general are dealt with in the Finance Section of the Report.

As the system peak load usually reaches its annual maximum in December, Statement "D" gives the December peak load for each of the municipalities. The sum of the peak loads supplied by the Commission to the 358 municipalities in 1966 was 5,571,469 kilowatts, as compared with 5,223,845 kilowatts in 1965, the

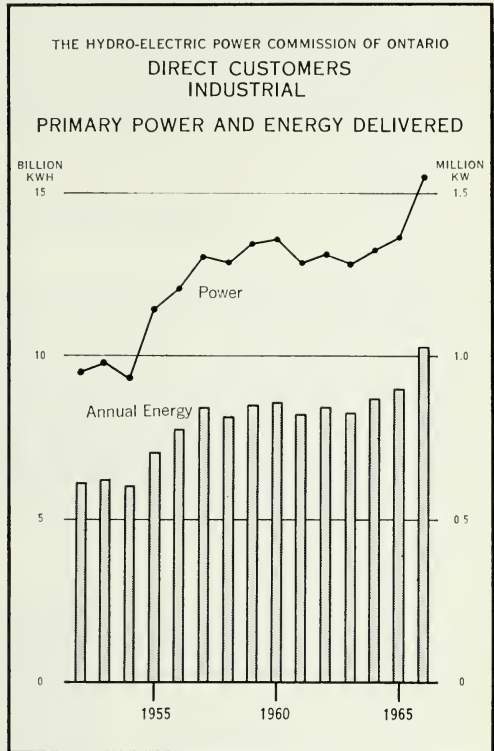
increase being 6.7 per cent. Eleven of the municipal utilities supplement the delivery of power by the Commission by their own generating facilities, or purchase power from sources other than the Commission. For these municipalities, the peak loads shown in bold type in Statement "D" include power supplied from these supplementary sources.

The energy delivered by the Commission to the municipalities in 1966 amounted in total to 28.6 billion kilowatt-hours, exceeding the 26.8 billion kilowatt-hours delivered in 1965 by 6.6 per cent.

## DIRECT CUSTOMERS

An extensive reclassification of direct customers followed the introduction on January 1, 1966 of the revised power-costing method and the implementation of new uniform rates. The direct customer group now basically includes only those customers with loads in excess of 5,000 kilowatts, the remainder formerly in this category being now reclassified as retail "special" customers. This has not only reduced the number of direct customers by 50 per cent, but also eliminated from the group the entire representation of some types of industry that were included in the table of comparative statistics formerly given in this section. The table of year-to-year comparisons by types of industry is, therefore, omitted, and the ensuing summary commentary is presented with due allowance for the major customer redistribution that has taken place.

The direct industrial customers in 1966 numbered 76 as compared with 154 in 1965. They included two major industrial companies with a combined average load of 141,247 kilowatts formerly served by the Sarnia Hydro-Electric Commission. The addition of these customers, effective January 1, 1966, was sufficient to offset the effect of the other reclassifications so that the monthly sum of the direct industrial customer primary peak loads, again reaching its maximum in December, exceeded the 1965 maximum by 13.5 per cent. The maximum monthly sum of the primary peak loads was 1,551,137 kilowatts in 1966 as compared with 1,366,811 kilowatts in 1965. The total primary energy supplied during the year was up by 13.9 per cent from 9,007,606,719 kilowatt-hours to 10,255,485,048 kilowatt-hours. The





upward movement shown, both in peak and energy requirements, in the accompanying graph reflects not only the addition of the two new companies in Sarnia, but also generally growing loads among other customers, including significant load increases in the pulp and paper and the abrasive industries.

A total of 3,638,702,585 kilowatt-hours was disposed of as secondary energy in 1966. Of this total 3,088,112,068 kilowatt-hours were sold to interconnected systems and 550,590,517 kilowatt-hours were sold to the Commission's direct and special retail customers. In total, secondary sales were down by 5.8 per cent from 3,862,070,834 kilowatt-hours in 1965, sales to interconnected systems being down by 3.3 per cent, and sales to other customers by 17.8 per cent.

### RURAL ELECTRICAL SERVICE

A net increase of 10,340 customers brought the total number of rural customers served at the end of the year to 525,544, after allowing for the transfer of 2,337 customers to service by municipal electrical utilities following area annexations. All classes of service, except farm service, showed increases in number of customers. The number of farm service customers declined to 133,305, falling for the seventh successive year to the lowest figure since 1952. This decline reflects not only the abandonment of farms, but also the consolidation of small farms into larger units, and the reclassification of former farm services to more appropriate classes of service.

Revenues and energy consumption in total, as well as average consumption per customer, rose for all classes of service, while average cost per kilowatt-hour to the customer declined. The average annual consumption for farm service customers was 9,257 kilowatt-hours in 1966.

For all customers except those served as residential seasonal customers, the rate revisions described in last year's Report were introduced in April 1966 after all customers had received through the mail a carefully prepared and detailed explanation of the reasons for the changes, and an analysis of the possible effects these changes would have on electricity bills for various classes of customers. Among the more significant changes were the reassignment of year-round residential customers into

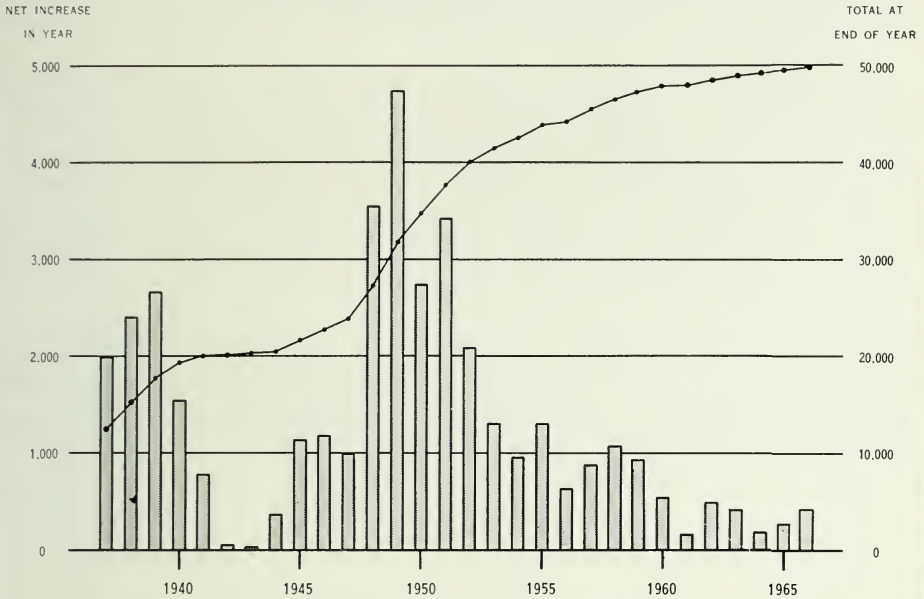


**ELECTRICITY ON THE FARM** — Mr. Don Boyington provides a study in relaxation and operating efficiency as he checks controls for his modern feedlot system, under guidance from associated ammeters and pilot indicators. With one hand still in his jacket pocket he sets in motion electric equipment and controlling mechanisms designed to unload from the silos and deliver, as required, sufficient feed for five hundred beef cattle.

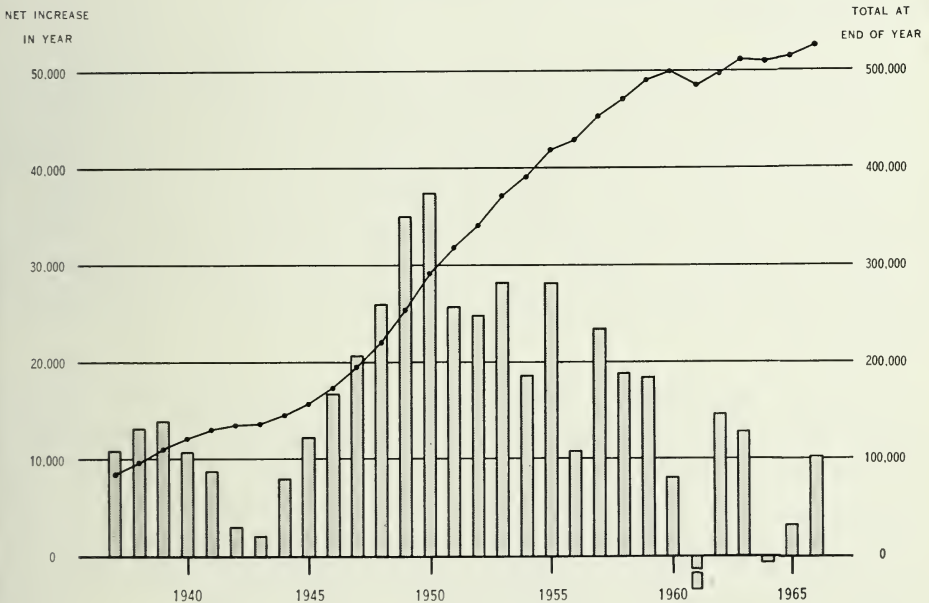


THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MILES OF RURAL PRIMARY LINE



NUMBER OF RURAL CUSTOMERS



\* DECREASE — 14,542

two rather than three groups, so that preferential suburban rates would apply in built-up areas and in certain designated areas of rapid load growth. A general class was instituted to include former commercial service and industrial power service customers. Flat-rate water-heater installations were discontinued in favour of metered installations for all customers. Net rates with a 5 per cent late-payment charge were adopted in place of the gross rates with a prompt-payment discount.

Consideration was also given to the fact that electrical service is being more extensively and more efficiently used in many premises designated as seasonally occupied. As a result of studies completed in 1966, recommendations were made for the implementation in 1967 of adjustments to residential seasonal rates on the basis of the zones of customer concentration used for year-round residential customers. The rate per kilowatt-hour at higher energy-consumption levels will be the same for both groups in any one service location.

The installation on a rental basis of 2,500 Sentinel lighting units in 1966 brought the total of 175-watt lights so installed to approximately 7,500. As a result of the growing demand for lights of higher intensity, the program was extended in 1966 to include also 400-watt mercury-vapour lamps.

## **SERVICES TO CUSTOMERS**

### **Electrical Inspection**

Under The Power Commission Act, the approval of electrical equipment and the inspection and approval of its installation are the responsibility of the Commission. Approval of equipment may be given through the adoption of reports made by the Canadian Standards Association Testing Laboratories or by other recognized testing agencies. On the other hand, when equipment has been custom-built, or manufactured as other than a regular line, or when equipment similar to Canadian Standards Association certified models has been installed without the required evidence of approval, it must be inspected and approved by Commission representatives.

Regulations issued by the Commission under The Power Commission Act are published as the Ontario Electrical Code. The most recent edition, prepared during 1966, incorporates, with only minor amendment, the Canadian Electrical Code, which is followed by the inspection authorities in most provinces of Canada. The published code incorporates, among other items, new standards governing the minimum size of service-entrance equipment and the number of circuit outlets for residential electrical service. These standards not only provide now for greater safety in new residential installations, but also offer improved facilities for safely meeting load growth in the future.

More than 500,000 inspections of wiring in buildings were made by the inspection staff during the year. Reports were prepared on eleven fatalities and 156 fires attributable to electrical causes. Investigation of a number of other fires failed to establish conclusive evidence that electrical causes contributed to the situations reported.

### **Public Relations**

The active support of the municipal utilities is being enlisted in a co-ordinated public relations effort with a variety of objectives in addition to sales promotion, which is discussed in the introduction to this section of the Report. The Commission's staff, together with national organizations such as the Canadian Electrical Association, and with electrical manufacturers and trade associations, is engaged in industry-wide activities directed towards improving the effectiveness of the electrical industry as a whole. Their effort is also being applied to the creation of a broader public understanding of the important responsibilities the power-supply industry must assume in the complex economy of today. The Commission for example is making an important contribution towards the reduction and control of air pollution. In the achievement of this purpose, the Commission's position of leadership in the development of nuclear-electric generating capacity will certainly be a major factor.

## REPORTS FROM THE REGIONS

### Western Region

There were continuing evidences in the Region of the beneficial effects of the Canada-United States Automotive Products Agreement. These beneficial effects had been apparent for the most part in the west section in 1965, but in 1966 they had spread to the eastern extremity of the Region as far as Woodstock. During the next five years, industrial expansion in Woodstock, largely as a result of the Agreement, is alone expected to add approximately as many kilowatts in non-coincident peak loads as the present average load requirement of the city as a whole.

Major distribution system rebuilding projects were undertaken in Comber, Forest, Goderich, Lambeth, and Tavistock, while street-lighting improvements were completed in Belle River, Chatham, Dresden, Dutton, Thorndale, and Tillsonburg. Underground residential distribution systems were installed for the first time on a planned basis in Amherstburg, Embro, Essex, Harrow, and Kingsville.

### Niagara Region

A number of major electric-heating installations were made during the year. In Dundas, 2,000 kw of electric heating were installed in a new secondary school. An industrial customer in Fergus completed the construction of a new plant and installed 2,000 kw of electric heating. In the village of Ayr, electric heating was installed in eleven out of a total of twelve residences completed during the year. In Burlington, 119 electrically heated houses were added to the distribution system, while in Bridgeport and Port Colborne, Medallion all-electric subdivisions were undertaken.

In order to meet the requirements of industrial load growth, a new municipally owned 40,000-kva transformer station was placed in service in Kitchener, and new substations were completed in a number of municipalities, including Burlington, Brantford Township, and Dunnville. The Hamilton Hydro-Electric Commission completed the construction of a new 10,000-kva substation to replace an old substation of the same capacity, and increased the capacity of its Eastmount substation by 5,000 kva. In addition, the Hamilton utility installed five miles of 13-kv underground cable and constructed four miles of underground duct banks for distribution and subtransmission cables.

There was considerable improvement in street-lighting facilities. In Burlington, modern lighting was installed throughout the main shopping area. Approximately 16,500 mercury-vapour street-lighting units were installed in Hamilton. Port Rowan completed a major rebuilding of the street-lighting system by installing mercury-vapour lamps as a centennial project.

The Police Village of Smithville was dissolved late in 1966, and the operation of its electrical facilities was subsequently transferred to the South Grimsby Township Public Utilities Commission. The voltage of the local distribution system had been changed during the year from 4 kv to 8 kv.



## Central Region

There is a noticeable trend toward the use of higher-distribution system voltage as more of the major rapidly expanding municipalities undertake the construction of 13.8-kv distribution systems within their boundaries. The Oshawa Public Utilities Commission plans to construct all new lines for operation at 13.8 kv, and eventually to change the major part of the municipal system from the present 4-kv voltage level. In the rapidly expanding section of Scarborough Township north of the Macdonald-Cartier Freeway, the municipal Commission continued an extensive program of installing 13.8-kv distribution facilities. The Toronto Township

Hydro - Electric Commission changed the Forest Glen all-electric subdivision from 4-kv to 13.8-kv operation, and plans to extend distribution at the higher voltage throughout other areas in the township.

The Scarborough Public Utilities Commission extended its office facilities by an electrically heated two-storey addition in order to accommodate its growing engineering and office staff. Although the original office building was constructed in 1954, it is sufficiently modern in appearance to permit the acceptable blending of the old architecture with the new.

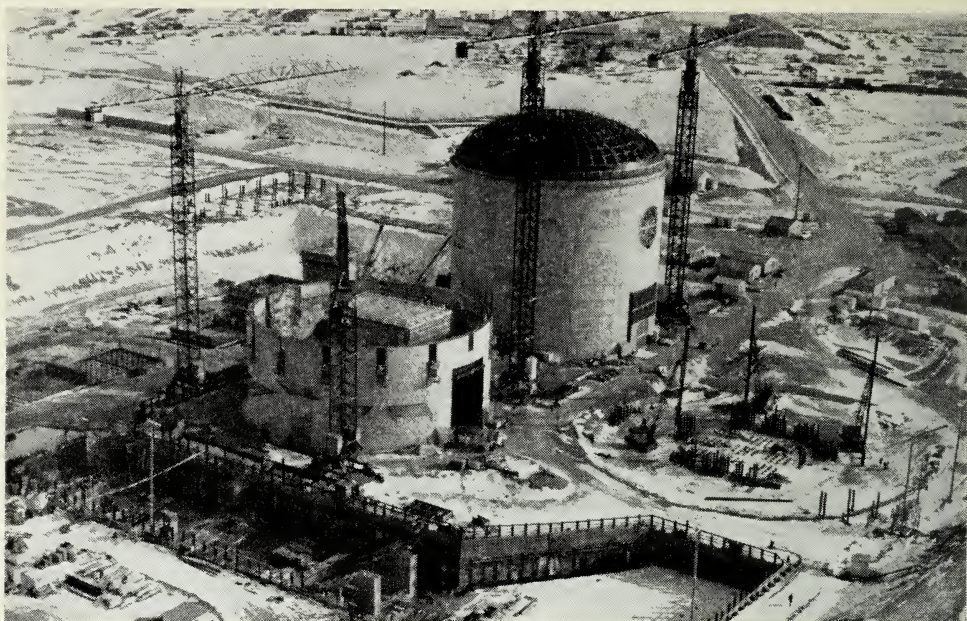
The construction of electrically heated apartment and office buildings continued at a rapid pace throughout 1966 in the City of Toronto. In the all-electric St. James Town project, over 1,500 of the ultimate 5,000 suites were either completed or nearing completion. Two other apartment projects were under construction for the ultimate provision of 826 all-electric suites. In



**TRANSFORMER BEING INSTALLED IN VAULT AT ST. JAMES TOWN PROJECT** — Ten high-rise buildings will be open to tenants by 1968 at this all-electric city within a city, the largest all-electric apartment project in Canada. Each suite of the 1,500 available at the end of 1966 has radiant ceiling cables with individual thermostat control in each room. Radiant wall-insert heaters are used in bathrooms. Heat exchangers located on the roofs recover 75 to 80 per cent of the heat exhausted from apartments, and transfer it to fresh air used in pressurizing building corridors.

addition, two all-electric office buildings with expected demands of 1,700 kw and 2,200 kw respectively were nearing completion at the end of the year.

The first of the permanent services to be supplied to the extensive new Queen's Park office complex of the Provincial Government was connected in March 1966.



PICKERING GENERATING STATION — By the end of 1966, this nuclear-electric project on the shore of Lake Ontario just east of Metropolitan Toronto was well under way. The cylindrical concrete structures shown at different stages of construction are the reactor buildings for two 540,000-kilowatt units, one of which is expected to be ready for service in 1970, and the other in 1971.

The entire project, which will cost an estimated \$50 million, will consist of four major towers, the tallest of which will be 28 storeys in height. Facilities provided by the Toronto Hydro-Electric System will be required to meet an expected demand of 10,000 kw upon completion of this project.

In 1966, the peak load of the Toronto Hydro-Electric System reached 751,434 kw, which represents an increase of 40,876 kw or approximately 5.75 per cent over the peak established in 1965. To meet this increasing load, and to improve its distribution-system facilities, the utility installed 23.4 miles of underground 13.2-kv power cable for network primary feeders and for supply to seven large power service customers. In addition, approximately 83.5 miles of lower-voltage power and control cables were installed underground. The underground conduit system in the city was extended by the installation of 37.6 miles of duct, together with the associated access and transformer-vault facilities. The total length of underground duct owned by the Toronto Hydro-Electric System at the end of year was approximately 2,446 miles.

### **Georgian Bay Region**

With the support of Government incentives, growth in the vicinity of Midland, Collingwood, and Owen Sound increased markedly during the year. In Midland,



a new plant with a load of 10,000 kw became a direct customer of the Provincial Commission. A large rubber manufacturer established two plants, one in Collingwood with a load of 3,000 kw, and one in Owen Sound with a load of 1,000 kw. In other parts of the Region, new substations to supply increasing loads were erected in Alliston, Bobcaygeon, Bradford, and Penetanguishene. In order to provide additional office and stores space, the Lindsay Hydro-Electric Commission remodelled and improved its administration quarters.

## **Eastern Region**

Expanded office and service-building facilities were provided in several utilities throughout the Region. In Belleville, the utility occupied a new electrically heated

service centre with approximately 25,000 square feet of floor area, which included space for sixteen trucks, meter test and repairing facilities, utility stores, assembly room for the trades staff, and an administration office for the trades staff. The Gloucester Township Hydro-Electric Commission moved into new rented accommodation in March, and in Nepean Township, the construction of a new office and warehouse building for the municipal electrical utility was approaching completion by the end of the year. Both the Peterborough Utilities Commission and the Prescott Public Utilities Commission completed renovations to their office buildings. In Prescott, this renovation included the installation of new lighting and electric heating, as well as an attractive display area for water heaters and

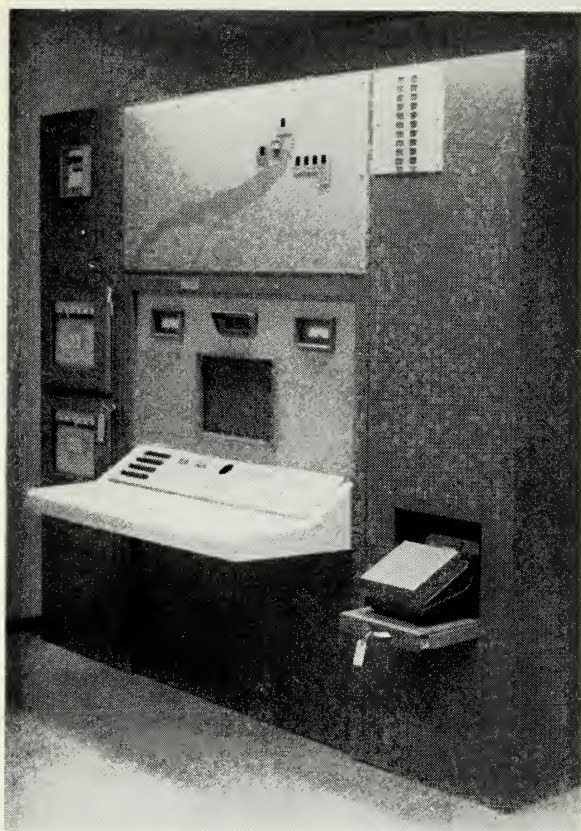


Speed, flexibility, precise control of temperature, and ease in cleaning are the outstanding features of this electric-cooking equipment installed in the all-electric Champlain College, Trent University.

electric-heating units. The Peterborough Utilities Commission purchased the electrical distribution facilities in an annexed area near Trent University. New 44-kv line and substation facilities were completed for the permanent supply to the university and to a new secondary and vocational school, both of which are completely electrically heated.

The progress of major capital construction by the Kingston Public Utilities Commission included the extension of the 44-kv network and the 4-kv distribution system. Extensions were also undertaken to the underground distribution system,

both for new subdivisions and in the commercial area. The Kingston Commission purchased approximately eight acres of land, where a depot will be provided for field trucks, warehouse, and workshops. The removal of these operations from the main office area is expected to reduce traffic problems and increase efficiency.



**CENTRAL CONSOLE FOR AIR-CONDITIONING EQUIPMENT AT TRENT UNIVERSITY** — This equipment at Trent University permits an operator to observe the comfort conditions being maintained by the heating and air-conditioning systems in the various buildings on the campus. The systems can be stopped, started, or adjusted as required from this single point. A scanner continuously monitors the systems, and an "alarm" printer, shown at the right, provides a record of any faults occurring on the systems.

In Ottawa, the local Commission continued its program for the replacement of overhead distribution facilities by underground installations, in co-operation with the City of Ottawa and the Federal Government.

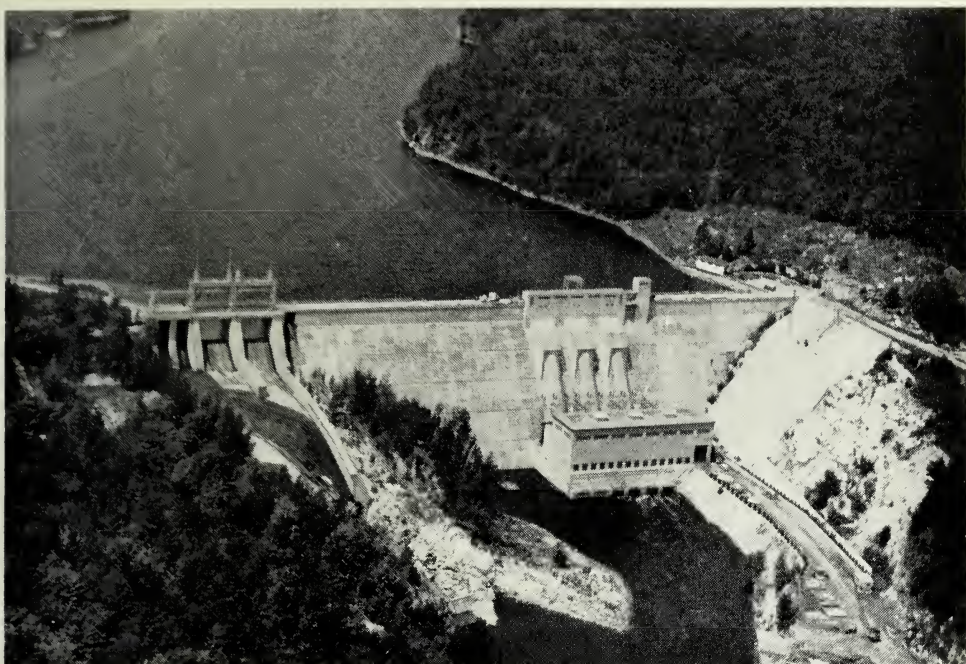
### **Northeastern Region**

The rapid growth of base-metal mining, together with the expansion of the pulp and paper industry, stimulated the economy of the entire Northeastern Region.

An item of major significance in Sudbury was the successful negotiation for the utility's first all-electric sub-

division. Electric heating was also installed in 30 low-rental housing units. In Chapleau Township, the average energy consumption per residential customer increased by more than 55 per cent in 1966. Lower retail rates had been introduced in this community in September 1965 shortly after the local utility had entered into a cost contract with the Commission. The distribution-system voltage in South River was changed from 2.3 kv to 25 kv. New substations were placed in service in Widdifield and West Ferris Townships. A modern street-lighting system making use of mercury-vapour units was installed throughout the municipality of Latchford.





STEWARTVILLE GENERATING STATION — On the Madawaska River about 17 miles down stream from Barrett Chute Generating Station, this station has been in operation since 1948. It is being extended by the addition of two 45,900-kw units. Towards the end of 1966, a beginning was made on the excavation of concrete from the dam to provide openings for the intakes required for the new units.

### Northwestern Region

The Town of Kenora, formerly served by The Ontario-Minnesota Pulp and Paper Company, entered into a cost contract with the Commission, but the first delivery of power under the contract will follow the completion of new 115-kv facilities early in 1967. Negotiations were completed with the Red Rock Hydro System to change its distribution-system voltage from 2.3 kv to 12 kv.

## SECTION IV

### PLANNING, ENGINEERING, AND CONSTRUCTION

**D**URING 1966, new generating units with a total rated capacity of 474,360 kilowatts were brought into operation on the Commission's East System. These included one 300,000-kilowatt coal-fired thermal-electric unit at Lakeview Generating Station near Toronto, two 62,700-kilowatt hydro-electric units at Kipling Generating Station on the Mattagami River in northeastern Ontario, and three combustion-turbine generators with a total rated capacity of 48,960 kilowatts, installed at transformer stations in Metropolitan Toronto and Sarnia.

The total new capacity added during the year, though quite impressive, still falls somewhat short of the additions that will have to be made at an accelerating rate during the next few years in order to meet the expansion in requirements on the system, which is forecast to continue at a very rapid rate. To meet these expanding requirements, two projects were added to the Commission's capital construction program during 1966. The larger of the two is Nanticoke Generating Station on the shore of Lake Erie near Port Dover, where four 500,000-kilowatt coal-fired thermal-electric units are to be installed, with the first scheduled to be brought into service in 1971. The other is Aubrey Falls Generating Station on the Mississagi River northeast of Sault Ste. Marie, where two hydro-electric units with a total tentative capacity of 130,000 kilowatts are to be placed in service in 1969.

During the six-year period ending in 1972, new generating units are scheduled to be brought into operation with a total rated capacity of 5,852,680 kilowatts. This includes 3,900,000 kilowatts to be provided by coal-fired thermal-electric units, 1,280,000 kilowatts in nuclear-electric units, 472,900 kilowatts in hydro-electric units, and 184,780 kilowatts in combustion-turbine generators which are to be installed at a number of transformer stations and generating stations on the East and West Systems. The combustion-turbine units, which can be purchased and installed relatively in a very short time, are all to be in operation before the end of 1967.

Detailed comments on the various projects now under way, and on some plans for the future are included in the subsection *Progress on Power Developments* which follows. This is supplemented by a definitive report on Kipling Generating Station, placed in service in 1966, and by brief notes on transformer-station and transmission-line construction.

### **Office and Service Buildings**

The Commission built new office and service centres for two of its administrative areas during 1966. One of these, at Bowmanville, was placed in use in May, and the other, at Wyoming, was occupied by the staff of the newly established Lambton Area in September. Both centres are completely electrically operated. The centre at Wyoming includes a heat-pump system which provides winter and summer air conditioning.

An information centre was constructed at the Pickering nuclear-electric project just east of Metropolitan Toronto. The centre includes an observation platform, displays which outline the history of nuclear energy and demonstrate the nuclear-electric process, and a 150-seat theatre, where films on nuclear energy are shown to visitors. Two other projects, begun in 1966, are scheduled for completion in 1967. One of these is a community building for the residents of the Abitibi Canyon Colony. The other is the new conference and development centre, under construction near Orangeville about 55 miles northwest of Toronto.

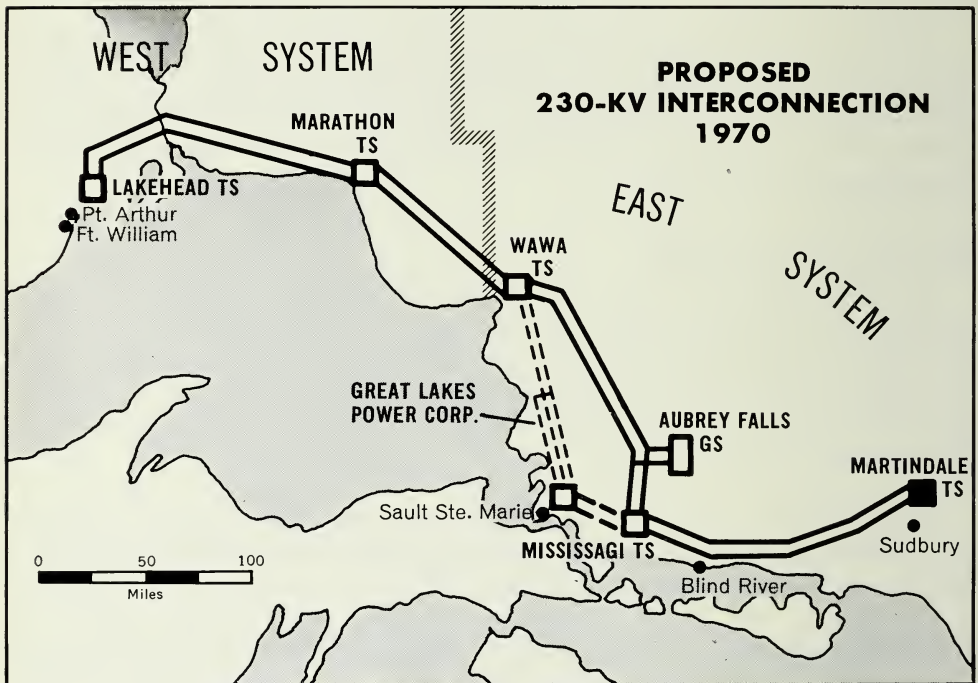
### **Interconnection of the East and West Systems**

The Commission's East System has 17,023 circuit miles of transmission line, and power resources with a total dependable peak capacity of about 7,785,000 kilowatts. The West System has 2,319 circuit miles of line and 678,800 kilowatts of dependable capacity. Both systems are electrically interconnected with power systems in adjoining parts of Canada or the United States. However, the two systems are not themselves interconnected, and in the rugged and sparsely populated country along the northeastern shore of Lake Superior, where an interconnection can most conveniently be completed, they are separated by a gap of almost 300 miles.

In the West System, a series of substantial annual increases in the demand for electricity, and expectations that this trend would continue, led in 1957 to the decision to build the coal-fired thermal-electric Thunder Bay Generating Station.



Growth at this rapid rate, however, came to a halt in 1959, and there was therefore no need to initiate further projects for the provision of additional generating capacity beyond those already underway until 1965, at which time studies indicated that new resources would be required by 1967. To meet system requirements indicated for late 1967, the Commission plans to install two combustion-turbine generators, each with a capacity of approximately 11,000 kilowatts, at Thunder Bay Generating Station.



In the 1965 studies, consideration was given to two basic plans for providing the additional resources that would be necessary in later years. One was to continue to operate the West System separately from the East System, and to install in the West System the thermal-electric and hydro-electric generation necessary to meet its advancing requirements in isolation from the East System. The other was first to construct an interconnection with the East System, and subsequently to install in the West System additional generating capacity as needed to meet growing system requirements with the interconnection in service.

An economic comparison showed that the second alternative would result in capital and operating costs lower than those based on continued development of the West System in isolation from the East System. A major factor in this comparison was that the West System, with the interconnection in service, would require a smaller total generating capacity, since reserve capacity would be available from the East System. A second major factor was that the economic penalties arising from the periodic and normally unavoidable provision of over-capacity



in an isolated West System would be reduced. Over-capacity occurs when new capacity, generally added in large units, exceeds the increment required to meet the immediate needs of the system. With the interconnection in service, any excess capacity in the West System could be used in the East System. Other considerations also favoured the establishment of an interconnection. There would be less adverse effect when actual loads vary from the forecast used as a basis for planning, there would be greater flexibility in scheduling new generation, there would be possible savings as a result of diversity in load between the two systems, and the costs of providing service to new loads in the vicinity of the interconnection would be lower. Further, the construction period would be shorter for an interconnection than for a new hydro-electric or thermal-electric generating station.

The facilities proposed are shown in the diagram on page 56. Upon completion, now tentatively scheduled for the fall of 1970, the interconnection will include two 230-kv transmission circuits extending from R. H. Martindale Transformer Station at Sudbury in the East System westward and northward to a transformer station in the West System at the Lakehead in the vicinity of Fort William and Port Arthur. Including the 300-mile gap between the systems, these circuits will traverse a total distance of 525 miles.

The interconnection will be constructed in three major stages, which are scheduled to be completed during the period 1968-1970. The Commission and the Great Lakes Power Corporation, which also will benefit from the interconnection facilities, have entered into an agreement providing for the use of certain of the Corporation's facilities as part of the stages to be completed in 1968 and 1969.

The facilities planned for service in the fall of 1968 will link R. H. Martindale Transformer Station at Sudbury in the East System with the Corporation's main load centre at Sault Ste. Marie, and in turn the Corporation's generating facilities in the Michipicoten area with a new transformer station at Marathon in the West System. As part of this stage, the Corporation will build a 230—115-kv transformer station at Sault Ste. Marie, and the Commission will build the initial facilities for a new station in the Michipicoten area, to be known as Wawa Transformer Station. The Commission will build a 38-mile double-circuit section of 230-kv line from the Blind River area to George W. Rayner Generating Station and a 106-mile section of 230-kv line from Wawa Transformer Station to Marathon, the latter line to be operated initially at 115 kv. These new facilities will supplement three transmission-line sections already in service, the Commission's 230-kv circuit from Sudbury to Blind River, the Great Lakes Power 230-kv circuit from George W. Rayner Generating Station to Sault Ste. Marie, both now operated at 115 kv, and the Corporation's 115-kv circuits from Sault Ste. Marie to the Michipicoten area.

The eastern section of the interconnection will be augmented in the spring of 1969 by the provision of a second 230-kv wood-pole line from R. H. Martindale Transformer Station to the Blind River area and a similar line to complement

**Summary of the Power Development Program  
as at December 31, 1966**

| <i>System and Development</i>                                  | <i>Number of Units</i> |                                | <i>Installed Capacity</i> |
|--|------------------------|--------------------------------|---------------------------|
|  | <i>In Service</i>      | <i>Scheduled</i>               | <i>kw</i>                 |
| <b>EAST SYSTEM</b>   |                        |                                |                           |
| Lakeview—on the western outskirts of Metropolitan Toronto..... | 5 TC                   | 1961-1966 3 TC 1967-1968       | 2,400,000                 |
| Combustion-turbine Units—                                      |                        |                                |                           |
| various sites.....   | 8 TCT                  | 1965-1966 17 TCT 1967          | 290,700                   |
| Kipling—Mattagami River.....                                   | 2 H                    | 1966                           | 125,400                   |
| Douglas Point Nuclear Power—                                   |                        |                                |                           |
| north of Kincardine.....                                       |                        | 1 TN 1967                      | 200,000                   |
| Mountain Chute—Madawaska River..                               |                        | 2 H 1967                       | 139,500                   |
| Lambton—south of Sarnia.....                                   |                        | 4 TC 1968-1970                 | 2,000,000                 |
| Barrett Chute (Extension)—                                     |                        |                                |                           |
| Madawaska River.....   | 2 H                    | 1968                           | 111,600                   |
| Aubrey Falls—Mississagi River.....                             | 2 H                    | 1969                           | 130,000*                  |
| Stewartville (Extension)—Madawaska River.....                  | 2 H                    | 1969                           | 91,800                    |
| Pickering—east of Toronto.....                                 | 2 TN                   | 1970-1971                      | 1,080,000                 |
| Pickering Diesel.....  | 3 D                    | 1970-1971                      | 15,000                    |
| Nanticoke—Lake Erie near Port Dover                            | 2 TC                   | 1971-1972 }<br>Not established | 2,000,000                 |
| <b>WEST SYSTEM</b>   |                        |                                |                           |
| Combustion-turbine Units—                                      |                        |                                |                           |
| Thunder Bay G.S.....   | 2 TCT                  | 1967                           | 22,000*                   |

TC indicates thermal-electric conventional.

TN indicates thermal-electric nuclear

TCT indicates thermal-electric combustion turbine.

H indicates hydro-electric.

D indicates diesel.

\* Tentative capacity.

the Corporation's 230-kv line from George W. Rayner Generating Station to Sault Ste. Marie. When these are placed in service, there will be two 230-kv circuits over the 180-mile distance from Sudbury to Sault Ste. Marie.

These earlier stages will not permit a full electrical interconnection to be made between the East and West Systems. The Wawa-Marathon circuits will, however, permit up to 50,000 kilowatts of power from the Corporation's stations in the Michipicoten area to be isolated for delivery to the West System, and the R. H. Martindale Transformer Station—Sault Ste. Marie circuits will permit the Commission to deliver an equivalent amount of power to the Corporation from the East System.

By the fall of 1969, construction of a double-circuit 230-kv line from Marathon Transformer Station to the Lakehead will be completed and 230—115-kv transformation will be installed both at the Lakehead and at Wawa Transformer Station. This will permit the East and West Systems to be electrically interconnected, and will increase the capability for power transfer from the East to the West System to about 150,000 kilowatts. At about the same time, construction will be completed for the 230-kv Mississagi Transformer Station near George

## Expenditures on Capital Construction, 1957-1966

|       | Genera-<br>tion | Transfor-<br>mation | Trans-<br>mission | Retail<br>Distribu-<br>tion | Other   | Total     |
|-------|-----------------|---------------------|-------------------|-----------------------------|---------|-----------|
|       | \$'000          | \$'000              | \$'000            | \$'000                      | \$'000  | \$'000    |
| 1957  | 151,738         | 17,302              | 19,295            | 17,581                      | 2,776   | 208,692   |
| 1958  | 126,204         | 20,688              | 20,806            | 19,980                      | 2,978   | 190,656   |
| 1959  | 98,251          | 20,788              | 12,159            | 19,996                      | 2,910   | 154,104   |
| 1960  | 82,506          | 16,624              | 12,230            | 18,120                      | 2,559   | 132,039   |
| 1961  | 77,939          | 10,693              | 11,446            | 18,954                      | 4,624   | 123,656   |
| 1962  | 59,741          | 11,754              | 21,118            | 18,102                      | 3,709   | 114,424   |
| 1963  | 49,301          | 12,109              | 22,391            | 18,073                      | 6,283   | 108,157   |
| 1964  | 55,908          | 16,775              | 16,250            | 18,623                      | 2,565   | 110,121   |
| 1965  | 90,420          | 18,734              | 19,727            | 18,066                      | 3,004   | 149,951   |
| 1966  | 131,900         | 22,593              | 21,607            | 20,256                      | *14,908 | 211,264   |
| Total | 923,908         | 168,060             | 177,029           | 187,751                     | 46,316  | 1,503,064 |

\*This figure includes investment in tools and equipment now classified as fixed assets but shown in previous years as current assets.

W. Rayner Generating Station. This station will improve the security and performance of the circuits between R. H. Martindale Transformer Station and Sault Ste. Marie, and, together with a new double-circuit 230-kv line extending about 36 miles north to Aubrey Falls Generating Station, will incorporate this new generating station into the system.

The last stage of the interconnection, tentatively scheduled for completion in the fall of 1970, will include a 100-mile double-circuit 230-kv line from Aubrey Falls Generating Station to Wawa Transformer Station. When this section is placed in service, a double-circuit 230-kv interconnection making use exclusively of Commission-owned facilities will permit power transfers between the East and West Systems of up to 200,000 kilowatts in either direction. In later years, the capability of the interconnection may be further increased by the addition of parallel line sections or other facilities.

## PROGRESS ON POWER DEVELOPMENTS

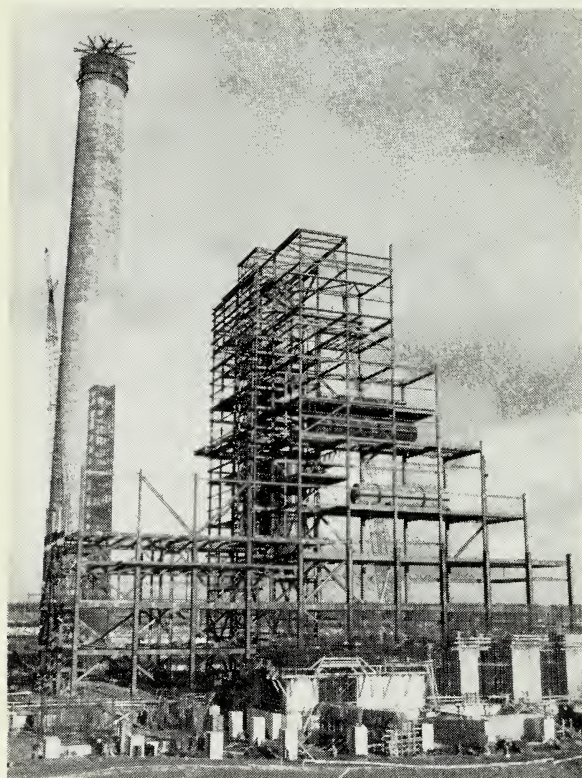
Extensive investigations were carried out during 1966 with regard to the possible development of power projects on the Mississagi River, at Aubrey Falls and Gros Cap, and at the site of the George W. Rayner Generating Station. This led to a decision to proceed with the Aubrey Falls project; studies of the proposed Gros Cap and George W. Rayner developments were still in progress at the end of the year. Feasibility studies for a two-stage power and storage development on the Montreal River were continued, and preparatory work was undertaken for major investigations of possible developments on the White, Little Jackfish, and Madawaska Rivers.



## LAKEVIEW GENERATING STATION

|                            |  |
|----------------------------|--|
| <i>Location</i>            | —On Lake Ontario just west of Metropolitan Toronto.  |
| <i>Installed Capacity</i>  | —2,400,000 kilowatts in 8 units, 60 cycles.  |
| <i>In Service</i>          | —One unit in each of the years 1961, 1962, 1964, 1965, and 1966.                                     |
| <i>In-Service Schedule</i> | —Units 6 and 7 in 1967; Unit 8 in 1968.  |
| <i>Estimated Cost</i>      | —\$272,000,000 including generation, step-up transformation, and high-voltage switching at the site. |

The final stages of installation of the fifth unit at Lakeview Generating Station were completed during the fall of 1966, and the 300,000-kilowatt coal-fired thermal-electric unit was placed in operation for the first time on December 17. The unit then continued to operate intermittently during commissioning tests scheduled to be completed in the spring of 1967.



**LAMBTON GENERATING STATION** — At this project on the St. Clair River about 14 miles south of Sarnia, four 500,000-kw coal-fired thermal-electric units are to be installed. When the photograph was taken, in November, 1966, work was well advanced on the foundations, structural steel, and the chimney for the first two units. One of these is scheduled to be brought into operation in 1968, and the other in 1969.

During 1966, foundations and structural steel for Units 7 and 8 were completed, and the whole powerhouse building was finally closed in. Installation of the turbine-generators, boilers, and other components of Units 6 and 7 progressed satisfactorily, and erection of the boiler for Unit 8 was begun. A 200-foot extension to the dock was completed, providing improved weather protection for the ships of 27,000-ton capacity now carrying coal to the station. The installation of a second coal-conveyor system from the dock to the coal pile will enable these ships to unload coal at up to a maximum rate of 5,000 tons per hour.

To ensure that the large Lakeview Station units would not be lost to the system through transient transmission-line faults, the 230-kv switching at the station was rearranged. Major changes in the bus structures were required in conjunction with the conversion of the radial unit-line connections to a large ring bus, and the replacement of all installed circuit-breakers by units of larger

interrupting capacity. The work was completed early in the fall, and at the end of the year the five generating units and three outgoing transmission lines in operation were served by the new switching arrangement.

Before Units 3 and 4 could be operated at full rated capacity, modifications to the turbine blading were required. These modifications were completed by the manufacturer during the summer of 1966. Under an agreement with the manufacturer, further modifications to the turbine blading of these units, and also of Units 5 and 6, will be made in order to improve operating efficiency. However, because of the time required for the manufacture of new parts, the work on the units themselves will not be undertaken until 1968.

#### LAMBTON GENERATING STATION

|                            |  |
|----------------------------|--|
| <i>Location</i>            | —On the St. Clair River in Lambton County, 14 miles south of Sarnia.                                 |
| <i>Installed Capacity</i>  | —2,000,000 kilowatts in 4 units, 60 cycles.  |
| <i>In-Service Schedule</i> | —One unit in 1968, one in 1969, and two in 1970.   |
| <i>Estimated Cost</i>      | —\$217,800,000 including generation, step-up transformation, and high-voltage switching at the site. |

Work on the Lambton Generating Station project proceeded on schedule during 1966. The extensive program of pile driving required to provide a foundation for all four units was finished by September. For Unit 2, the unit scheduled to be placed in service first, the placing of concrete for the massive turbine block was complete, and the erection of structural steel was nearly completed at the end of the year. The concrete shell for the 550-foot-high chimney, which will serve both Unit 1 and Unit 2, had also been constructed.

By the end of 1966, contracts had been awarded for the supply of all major components for the four 500,000-kilowatt units to be installed at the station. Orders placed during 1966 included those for the coal-handling system, the fly ash removal system, the water-treatment system, the control-room panels, and the station control computer.

#### NANTICOKE GENERATING STATION

|                            |   |
|----------------------------|---|
| <i>Location</i>            | —On Lake Erie near Nanticoke about eight miles east of Port Dover.                                    |
| <i>Installed Capacity</i>  | —2,000,000 kilowatts in 4 units, 60 cycles.   |
| <i>In-Service Schedule</i> | —One unit in 1971, one unit in 1972, two units not yet scheduled.                                     |
| <i>Estimated Cost</i>      | —\$242,700,000, including generation, step-up transformation, and high-voltage switching at the site. |

In order to provide generating capacity necessary to meet forecast loads, the Commission decided in 1966 to proceed with the development of a large thermal-electric station at Nanticoke near Port Dover on Lake Erie. The site was



chosen on the basis of an examination of the relative merits of various sequences of construction at sites in widely separated parts of the system, and an investigation of foundation conditions at the site itself.

By the end of the year, preliminary geologic and topographic surveys had been completed, most of the property required had been purchased, and tenders had been called for the supply of the boilers and turbine-generators for the first two 500,000-kw units. Design of the station is now in progress, and construction is scheduled to begin in the spring of 1968.

#### PICKERING GENERATING STATION

|                            |  |
|----------------------------|--|
| <i>Location</i>            | —On the shore of Lake Ontario in Pickering Township, east of Metropolitan Toronto.                   |
| <i>Installed Capacity</i>  | —1,080,000 kilowatts in 2 units, 60 cycles.  |
| <i>In-Service Schedule</i> | —One unit in 1970, and one in 1971.  |
| <i>Estimated Cost</i>      | —\$271,625,000 including generation, step-up transformation, and high-voltage switching at the site. |

The capital cost of Pickering Generating Station will be more than twice that for a coal-fired station of the same capacity. The cost of the station with the two 540,000-kw units now scheduled is being financed jointly by the



**SAFETY PRECAUTIONS AT THE PICKERING GENERATING STATION** — These men, placing reinforcing steel for the concrete perimeter wall of one of the reactor buildings, wear safety belts, when working in otherwise unprotected areas, as a protection from falling. Nets, suspended about 20 feet below the working level, provide further protection. On completion the walls will be approximately 155 feet high.



Commission and the Provincial and Federal Governments. Under the financing arrangements, the Commission's share of the cost of the nuclear-electric station will be equivalent to the cost of a comparable coal-fired station. The returns to the Provincial and Federal Governments on their respective investments are expected to be fair and adequate, but the extent of these returns will depend on the finally established capital cost and the operating performance of the nuclear-electric station.

At the end of 1966, two units were scheduled for installation, one to be brought into operation in 1970 and the other in 1971. The fact that the site is suitable for a larger station, however, is a good basis for the Commission's expectation that the Atomic Energy Control Board will approve plans for the installation of additional units to be brought into service in later years. The cost of any units subsequent to the first two will be financed in full by the Commission.

By the end of 1966, contracts had been awarded for almost all of the major items of equipment. At the site, the major part of the pile driving and excavation for the various structures was completed, and concreting operations were well advanced for the cooling-water intake ducts, and the reactor buildings and turbine foundations for the two units.

#### DOUGLAS POINT NUCLEAR POWER STATION

Construction of Douglas Point Nuclear Power Station on the shore of Lake Huron between Kincardine and Port Elgin was completed in the fall of 1966. The reactor was then started up and a critical reaction was achieved for the first time on November 15. During the remainder of the year, the efforts of the project and commissioning staff were directed toward preparing the reactor for operation at higher power levels and making the turbine-generator and other components of the 200,000-kw unit ready for initial operation. This led to the operation of the unit for the generation of power for the first time early in January 1967.

The Douglas Point project is a co-operative enterprise of the Commission and Atomic Energy of Canada Limited. The Crown company developed the CANDU reactor used at the station, and the basic design of the station itself, and financed the project. The Commission built the station, acting as prime contractor, and initially it will purchase the power generated there from the Crown company. When certain operating requirements have been met satisfactorily, the Commission will purchase the station itself, at a price that will permit the energy output to be competitive with that of a modern coal-fired station.

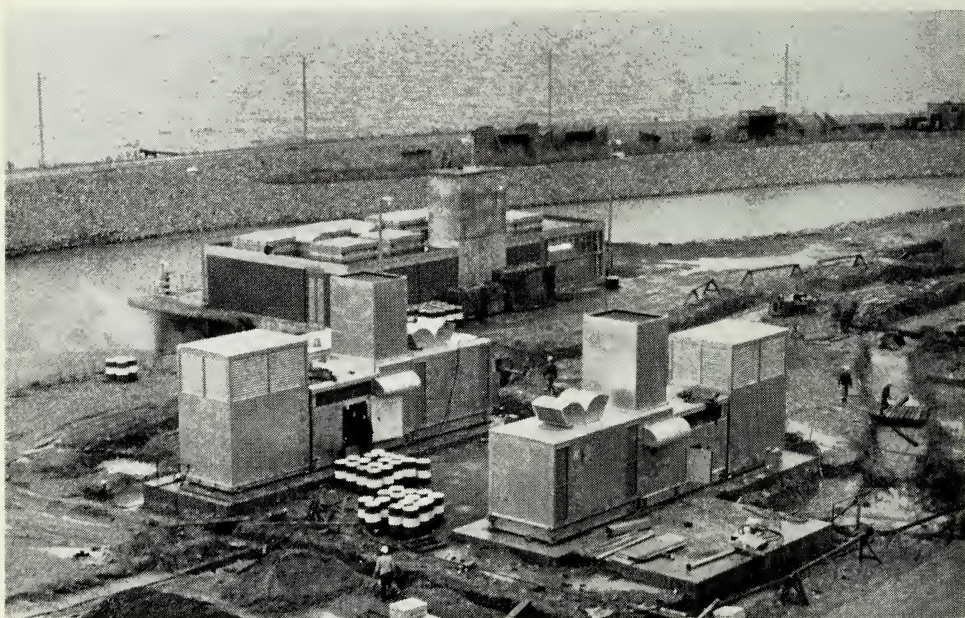
The CANDU reactor at Douglas Point employs deuterium oxide, or heavy water, as a moderator and as a coolant, and natural uranium as a fuel. It is of the same basic design as the much smaller reactor that was placed in operation in 1962 at the Nuclear Power Demonstration plant at Rolphton on the Ottawa River. Both the 20,000-kw Nuclear Power Demonstration plant and the 200,000-kw Douglas Point Nuclear Power Station have in effect served as prototypes for

the much larger Pickering Generating Station, now under construction just east of Toronto, where the reactors will also be of the CANDU type. With application of the knowledge and experience gained on the two earlier projects, the Commission expects the 540,000-kw units at Pickering Generating Station to generate energy at a cost which, including fixed charges for full capital costs, will be somewhat lower than that for energy generated at a coal-fired station with units of similar size and recent design.

#### COMBUSTION-TURBINE GENERATORS

During 1966 the Commission continued the program for the installation of combustion-turbine generators, a program initiated in 1965 in order to provide a source of standby power for emergencies, and to contribute toward a more adequate margin of reserve capacity at times of peak loads during the current period of rapid load growth. Commissioning of the six units purchased in 1965 for installation on the East System was completed, and orders were placed for a further 19 units to be installed on the East System and for two units to be installed on the West System.

The new units purchased for installation on the East System included six 16,320-kw units and thirteen 7,500-kw units. Of the larger units, two were installed and placed in operation at Sarnia-Scott Transformer Station before the end of the year, and four were scheduled to be ready for operation at Detweiler



COMBUSTION-TURBINE GENERATORS — These machines, shown ready for trial runs, are two of four 7,500-kw units recently installed at Lakeview Generating Station. Together with similar or larger units installed at other thermal-electric generating stations and at several transformer stations, they will provide a source of reserve power for use at times of peak load. Capable of being started up quickly, they also serve as emergency standby units.



Transformer Station near Kitchener early in 1967. The thirteen 7,500-kw units were for installation at thermal-electric stations, where in addition to providing a source of reserve capacity, they could be used to supply start-up power for the much larger steam units. These combustion-turbine units, including four at Richard L. Hearn Generating Station, four at Lakeview Generating Station, four at Lambton Generating Station, and one at J. Clark Keith Generating Station, were all scheduled to be ready for operation early in 1967.

On the West System, two 11,000-kw combustion-turbines will be installed at Thunder Bay Generating Station in Fort William. These are to be ready for service in the fall of 1967.

#### AUBREY FALLS GENERATING STATION—MISSISSAGI RIVER

|                            |  |
|----------------------------|--|
| <i>Location</i>            | —On the Mississagi River, about 45 miles northwest of Elliot Lake.                                   |
| <i>Tentative Capacity</i>  | —130,000 kilowatts in two units, 60 cycles.  |
| <i>Rated Head</i>          | —175 feet.   |
| <i>In-Service Schedule</i> | —Two units in 1969.  |
| <i>Estimated Cost</i>      | —\$27,390,000, including generation, step-up transformation, and high-voltage switching at the site. |

The decision to proceed with this project was taken in July 1966. Before the end of the year, one of several alternative plans for the development was finally selected, and a camp for about 350 men was built at the site. At Chub Lake, some miles to the south, work was begun on the construction of a colony that will accommodate about 125 families. This colony will serve not only the Aubrey Falls project, but also later developments farther down stream.

Aubrey Falls, which is approximately 100 feet high and is easily accessible from Highway 129, has been an attraction to tourists and visitors in the area for many years. The power development is being designed in a way that will preserve the natural beauty of the site, one requirement being the maintenance of a flow of at least 300 cubic feet per second over the falls during the daytime hours in the tourist season.

#### MOUNTAIN CHUTE GENERATING STATION—MADAWASKA RIVER

|                            |   |
|----------------------------|---|
| <i>Location</i>            | —About 22 miles southwest of Renfrew and eight miles up stream from Barrett Chute Generating Station. |
| <i>Installed Capacity</i>  | 139,500 kilowatts in two units, 60 cycles.  |
| <i>Rated Head</i>          | —151 feet.  |
| <i>In-Service Schedule</i> | —Two units in 1967.   |
| <i>Estimated Cost</i>      | —\$29,000,000, including generation, step-up transformation, and high-voltage switching at the site.  |

The Mountain Chute project, begun in 1964, moved rapidly towards completion during 1966. At the end of the year, two earth-fill dams, necessary





**MOUNTAIN CHUTE GENERATING STATION — MADAWASKA RIVER** — This view shows the upstream face of the main dam as it appeared in mid 1966 when the river still flowed through a diversion channel in a gap in the structure. On completion of the project, scheduled for late 1967, water will be carried from the intakes, which can be seen under construction at the left, through penstocks to two 112,000-horsepower turbines in a powerhouse at the base of the dam. The head will be approximately 150 feet.

at low points in the terrain north of the river, and the major part of the main concrete dam had been completed, and preparations were being made for flooding the headpond later in the winter. About 5,500 acres of the headpond area had been cleared as required. Draft tubes, scroll-cases, turbine embedded parts, the powerhouse crane, and much of the powerhouse superstructure and penstocks were complete.

Following installation of the turbines and generators during 1967, the two units will be placed in service late in the fall of that year.

Also on the Madawaska River, down stream from the Mountain Chute project, the Commission is preparing to install additional units at Barrett Chute and Stewartville Generating Stations, both of which were constructed and placed in service during the 1940's. The extension of the downstream stations will bring the total generating capacities and station flows of each closely into line with the capacity and station flow projected for Mountain Chute Generating Station, thus permitting the operation of all three stations as peaking plants with a minimum of water spillage and water-level fluctuation. Calabogie Generating Station, about six miles down stream from Barrett Chute Generating Station, is much older than the other two stations and operates at a relatively low head, and at present there are no plans to install additional units there. However, three power-operated

sluiceways will be installed to permit flows to be controlled so as to minimize water-level fluctuations in Calabogie Lake. These sluiceways, and the sluiceways and generating units at the other stations on the river will all be supervisory controlled from Chenaux Generating Station on the Ottawa River.

#### BARRETT CHUTE GENERATING STATION (EXTENSION)—MADAWASKA RIVER

|                             |  |
|-----------------------------|--|
| <i>Location</i>             | —About 18 miles south of Renfrew.  |
| <i>Present Installed</i>    |  |
| <i>Capacity</i>             | —40,800 kilowatts in two units, 60 cycles.   |
| <i>Additional Installed</i> |  |
| <i>Capacity</i>             | —111,600 kilowatts in two units, 60 cycles.  |
| <i>Rated Head</i>           | —152 feet.   |
| <i>In-Service Schedule</i>  | —Both additional units in 1968.  |
| <i>Estimated Cost</i>       | —\$14,303,000, including generation, step-up transformation, and high-voltage switching at the site. |

At Barrett Chute Generating Station, the headpond is contained by a control dam with eight sluiceways about a mile up stream from the powerhouse, which is situated on the left bank of the river. Water is conveyed to the headworks across a peninsula, formed by a wide bend in the river, through a canal about 2,000 feet long. The two additional units will be installed in an extension to the west end of the powerhouse, and the canal will be deepened to provide for an increase in flow from the headpond. During 1966, excavation for the



EXTENSION OF BARRETT CHUTE GENERATING STATION — Two 55,800-kw units are being added at this station on the Madawaska River. This will provide the station, which has been in operation since 1942, with a total capacity approximately equal to that of the units being installed at Mountain Chute Generating Station, under construction about eight miles up stream. The dust is raised by the rock drills in the foreground and on the rise to the right, preparing charge holes for rock blasting.



powerhouse extension was completed and the placing of concrete was begun. Excavation for the penstocks and headworks for the new units was well advanced at the end of the year. Orders were placed for the turbines and generators.

#### STEWARTVILLE GENERATING STATION (EXTENSION)—MADAWASKA RIVER

|                                      |  |
|--------------------------------------|--|
| <i>Location</i>                      | —About eight miles west of Arnprior and 17 miles down stream from Barrett Chute Generating Station.  |
| <i>Present Installed Capacity</i>    | —61,200 kilowatts in three units, 60 cycles.   |
| <i>Additional Installed Capacity</i> | —91,800 kilowatts in two units, 60 cycles.   |
| <i>Rated Head</i>                    | —148 feet.   |
| <i>In-Service Schedule</i>           | —Both additional units in 1969.  |
| <i>Estimated Cost</i>                | —\$11,556,000, including generation, step-up transformation, and high-voltage switching at the site. |

At Stewartville Generating Station, the spillway sluices, and the headworks, penstocks, and powerhouse substructure for the three 20,400-kilowatt units now in service are included in a single concrete structure which spans the river valley.

In 1966, a beginning was made on the excavation of concrete from this original structure to provide openings for the intakes for the new units. As the close proximity of electrical equipment in service precludes the use of explosives, the concrete is being removed by careful procedures resembling block quarrying. A special steel cofferdam, sealed to the upstream face of the dam, permits this work to be carried out without lowering the headpond or shutting down the units now in service. Construction of the downstream cofferdam, required to permit the powerhouse substructure to be extended to accommodate the new units, was also begun. Orders were placed for the turbines, the penstocks, and the headgates.



At Stewartville Generating Station on the Madawaska River, this crane is lifting blocks of concrete, cut out of the dam, and depositing them in the headpond. The operation is part of the work required to provide intakes for two new generating units at the station.



## ABITIBI CANYON GENERATING STATION—ABITIBI RIVER

Because of a decline in requirements for 25-cycle power among industrial customers in the Northeastern Region, the Commission replaced the 25-cycle generator and transformer that had been in service in Unit 5 at Abitibi Canyon Generating Station with new 60-cycle equipment rated at 48,000 kva. Similar 60-cycle equipment had been installed in Unit 3 in 1959. The remaining three units at the station will be changed to 60-cycle operation as the demand for 25-cycle power in the Northeastern Region declines.

## KIPLING GENERATING STATION

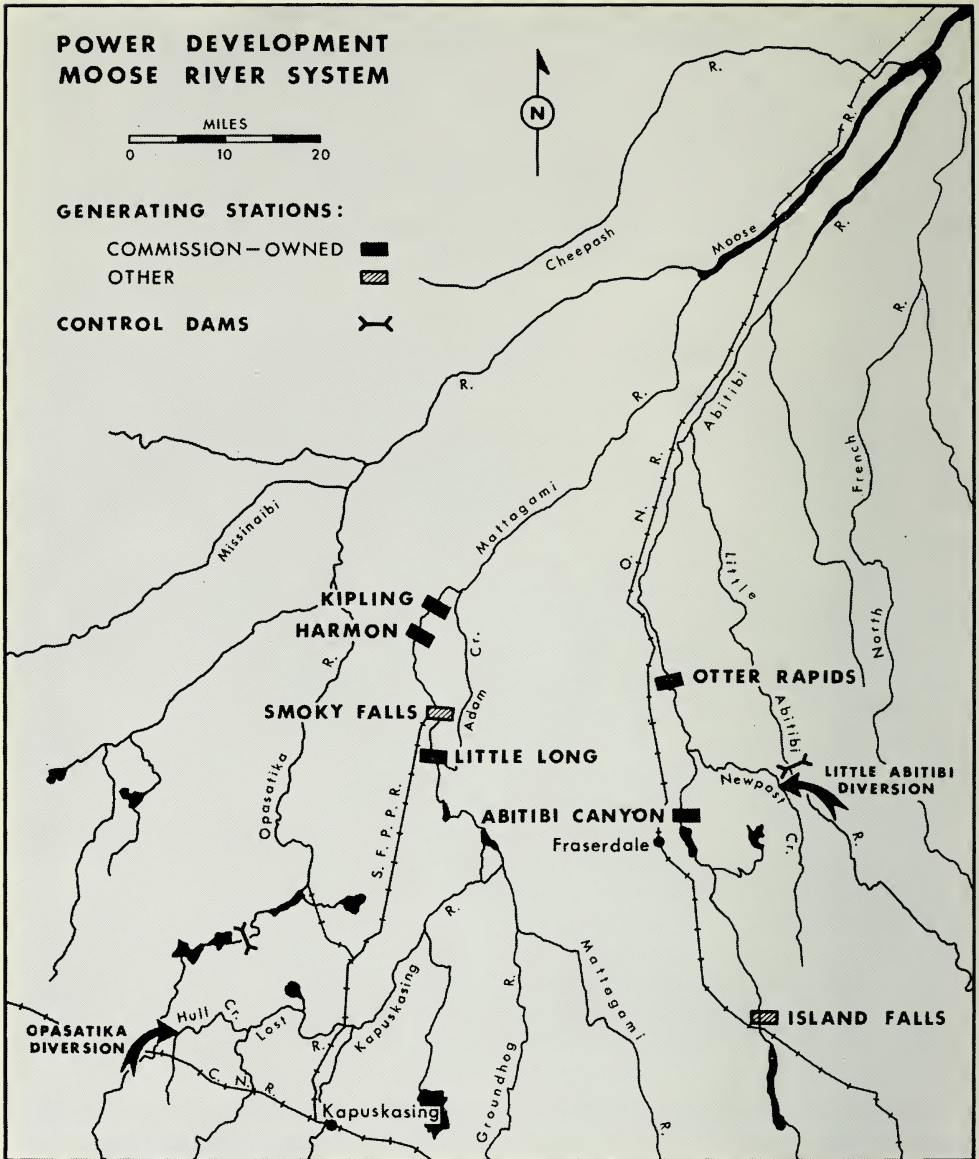
The placing in service of Kipling Generating Station on the Mattagami River early in the summer of 1966 marked the completion of the Commission's current program for the development of the Abitibi and lower Mattagami Rivers, both of which are tributaries of the Moose River flowing into James Bay. Projects in the program which had been completed previously were Harmon Generating Station, on the Mattagami River up stream from Kipling Generating Station, where two units were placed in service in 1965, Little Long Generating Station, farther up stream on the Mattagami, where two units were placed in service in 1963, and Otter Rapids Generating Station, on the Abitibi River, where two units were placed in service in 1961, and two in 1963.

## KIPLING GENERATING STATION—MATTAGAMI RIVER

|   |  |
|---|--|
| <i>Location</i>   | —About 58 miles north of Kapuskasing and three miles down stream from Harmon Generating Station.     |
| <i>Installed Capacity</i>                                   | —125,400 kilowatts in two units, 60 cycles.  |
| <i>Rated Head</i>   | —102 feet.   |
| <i>In Service</i>   | —Unit 1, June 29, 1966; Unit 2, July 5, 1966.  |
| <i>Actual Cost</i><br><i>at December 31,</i><br><i>1966</i> | —\$24,244,558, including generation, step-up transformation, and high-voltage switching at the site. |

The rated capacity of the units now installed at the three Mattagami River stations and at Otter Rapids Generating Station on the Abitibi River totals 551,000 kilowatts. With these units in service, the four stations are expected to operate at an average annual load factor of about 60 per cent. At each station, however, provision is included in the headworks for the installation of further units, which at some future date would double its present rated capacity. The stations would then be operated at a lower load factor, providing energy to the system for only short periods of each day over the time of peak requirements.

All four stations are supervisory controlled from Pinard Transformer Station near Abitibi Canyon Generating Station, where a colony provides accommodation for operating and maintenance staffs and their families. Power from the four stations is transmitted at 230 kv over the relatively short distance to Pinard Transformer Station. There it is stepped up to 500 kv for transmission over the



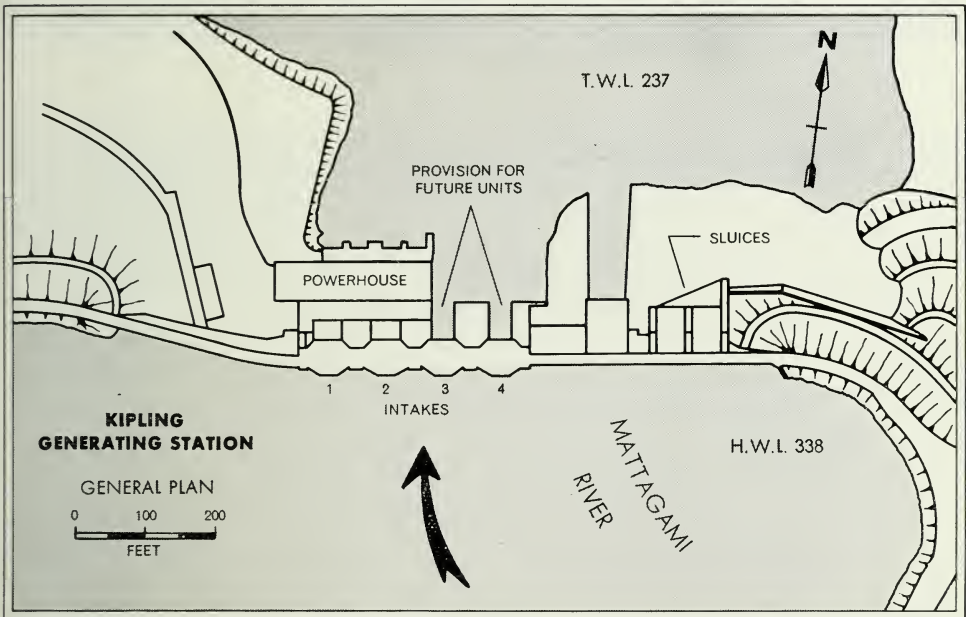
extra-high-voltage line to load centres in northeastern and southern Ontario. The development of the far northern hydro-electric sites was economically viable only when the provision of these extra-high-voltage facilities became feasible.

A brief review of the development of plans for the Mattagami River projects was included in the Annual Report for 1963 in a descriptive article dealing with Little Long Generating Station, to which the reader may refer. The geography and geology of the Mattagami River watershed described there apply equally to the sites of all three of the recent projects on the river.

Employees engaged in the construction of all three projects on the Mattagami River were housed in a colony at the Little Long project site. Those working at the downstream sites were carried to and from work by bus. As the Little Long project approached completion, a new administration and service area was established at about the mid point of the access road between the Harmon and Kipling Generating Station sites, and the crusher plant, concrete mixing plant, and most of the other service facilities originally established at the Little Long site were dismantled and reassembled at this new site. Work on the Kipling Generating Station project itself was begun in the fall of 1963.

### The Dam

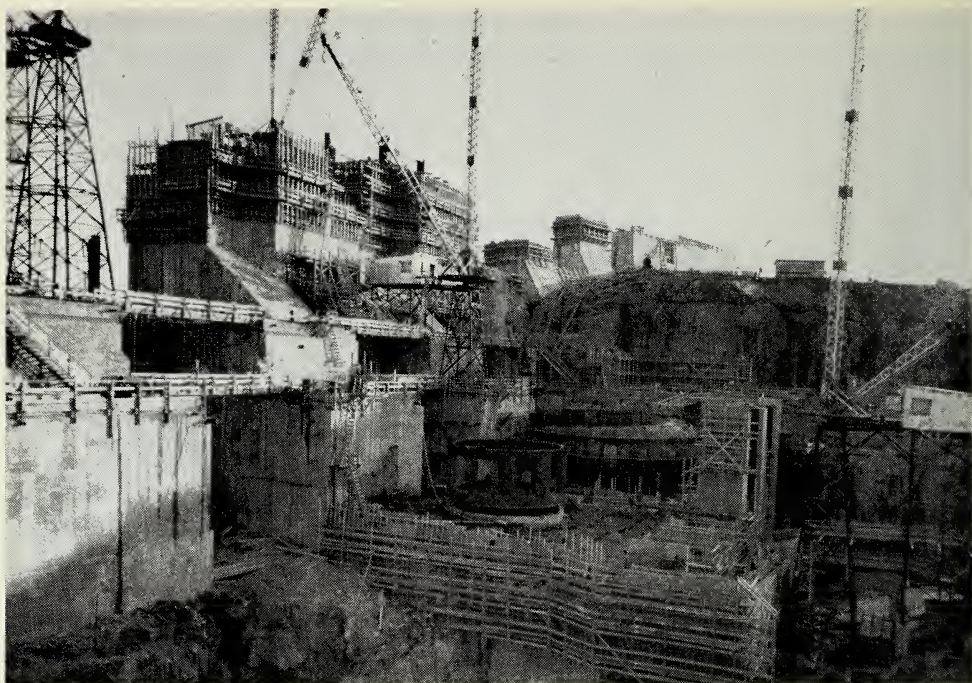
Kipling Generating Station consists essentially of a concrete power dam terminating in earth dams which extend to the natural soil banks at each side of the river. The concrete structure, totalling approximately 1,000 feet in length, includes a four-unit headworks and a two-unit powerhouse section in the river channel, from which gravity sections extend to the earth dam on the west bank, and to a two-sluice spillway structure on the east bank.



The earth dams are constructed mainly of natural materials available locally. Each has a compacted impervious core flanked by compacted granular fill, and protected from water action by rip-rap obtained from rock excavations on the project site. The earth dam on the west bank is approximately 2,600 feet long, and that on the east bank is about 760 feet long.

A two-stage method was used to control the river flow while the dam was under construction. In the first stage, with the river flowing in its normal





**KIPLING GENERATING STATION — MATTAGAMI RIVER** — The scrollcases for Units 1 and 2 can be seen in various stages of assembly near the centre of this view of the project, which shows the progress of work in the powerhouse and headworks area early in the summer of 1965. As work on the project continued, the massive concrete structure rose to completion by the end of 1965, and the two units were made ready for service by July, 1966.

channel, a diversion channel was excavated through the rock of a peninsula projecting from the east bank. A concrete portal structure with two diversion ports, which were designed to permit use of the same dewatering gates that had been used at the Red Rock Falls, Little Long, and Harmon projects, was then built in the diversion channel. In the second stage, upstream and downstream cofferdams were built in the river channel, and the headworks and powerhouse were built in the enclosed area. The diversion of excess flows through the control structure at Little Long Generating Station and down Adam Creek, permitted the flow of the river passing through the diversion ports during this stage to be restricted to a maximum of 20,000 cubic feet per second.

### Headworks and Sluiceways

The headworks section includes four water intakes—two on the western side to serve the two units now in operation, and two on the eastern side to provide for units which may be installed in the future. Each unit intake has three entrances from the forebay. The passages from these three entrances merge into a single passage, which at the headgate is rectangular and 37 feet high by 28 feet wide. This changes in a concrete transition section to a circular passage, 28 feet in diameter, at the point of juncture with the steel penstock. For Units 1 and 2, a short length of penstock provides the connection with the welded



steel scroll-case of the turbine. For Units 3 and 4, the headworks is carried only to the downstream end of the concrete transition section, where provision is made for the later installation of a steel penstock. Post-tensioned anchors were used in this part of the structure to provide stability which would otherwise be less than adequate until Units 3 and 4 are installed.

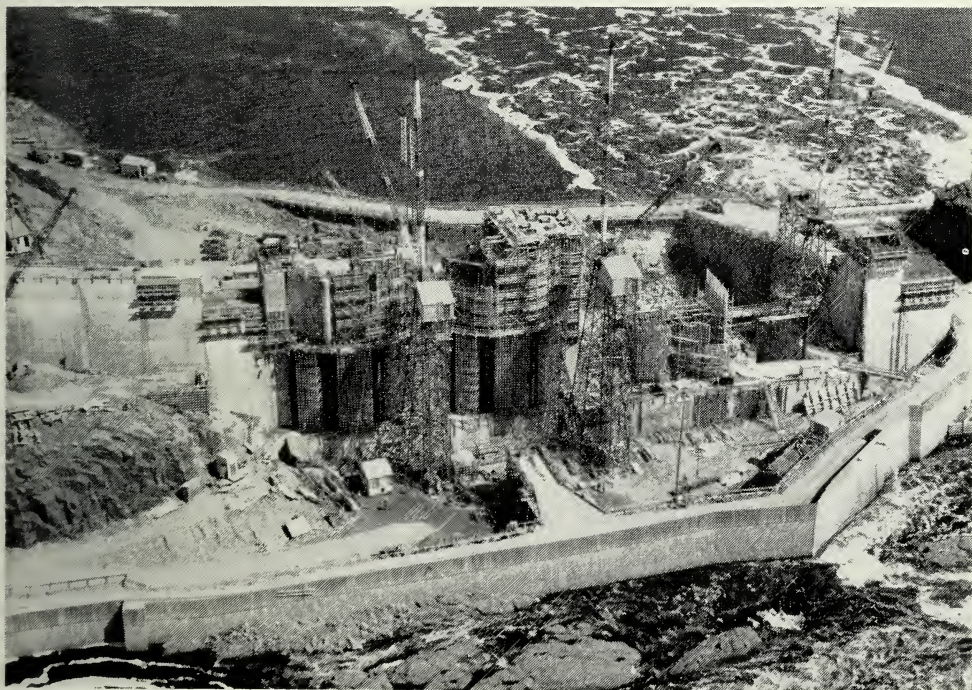
The headgates for Units 1 and 2 are operated by motorized hoists mounted at deck level and enclosed in heated housings covered with aluminum sheeting.

The sluiceway section, located on the east bank, includes two 40-foot-wide sluiceways, each of which is capable of passing a flow of 20,000 cubic feet per second. The sluiceways are motor-operated by remote control. The interior of each gate is heated to prevent ice from bonding to the upstream face.

Hoisting service both for the headworks and for the sluiceway sections is provided by a 50-ton mobile crane, which is also used for this purpose at the other two Mattagami River Stations.

### Powerhouse

The powerhouse, on a reinforced concrete substructure built on bedrock, is covered with aluminum sheeting on a steel superstructure. It is approximately 55 feet wide and 220 feet long, including the erection bay. Hoisting service is



KIPLING GENERATING STATION — MATTAGAMI RIVER — This aerial photograph, taken from up stream in July 1965, shows the headworks and powerhouse under construction in a dry area enclosed by cofferdams extending from the west bank of the river. A view of the completed station in July 1966, with both units in operation, is the frontispiece of this Report.

provided by a 125/25-ton overhead travelling crane, which was supplied by Provincial Engineering Limited.

The two turbines, of the fixed-blade propeller type, were manufactured by Dominion Engineering Works Limited. Each is rated at 94,000 bhp, operating at a head of 102 feet with a flow of about 8,700 cfs. The runners are 248 inches in diameter. The generators, rated at 66,000 kva, 13.8 kv, 3 phase, 60 cycles, 100 rpm, 0.95 power factor, were supplied and installed by the Canadian Westinghouse Company Limited.

### **Power into the System**

The three single-phase, 60-cycle main power transformers, each rated at 30,000/40,000/50,000 kva, were supplied by Pioneer Electric Limited. Power generated at 13.8 kv is stepped up to 230 kv by these transformers for transmission to Pinard Transformer Station, the northern terminus of the extra-high-voltage line, about 40 miles away. From Pinard Transformer Station, supervisory control of Kipling Generating Station and the other three stations in the new complex on the Mattagami and Abitibi Rivers is maintained by very-high-frequency radio.

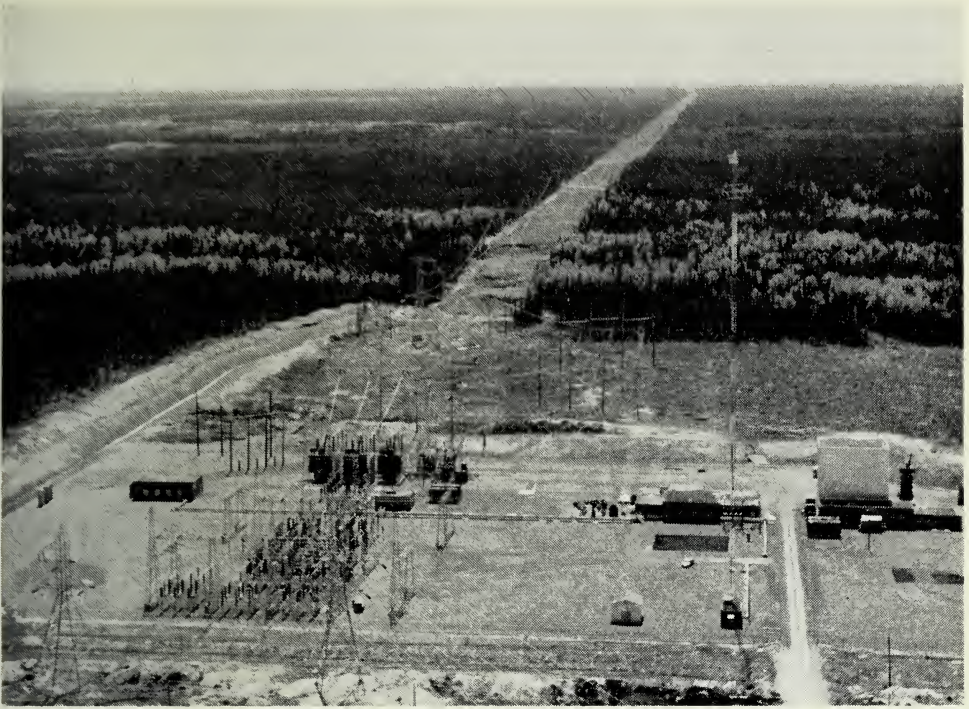
## **TRANSFORMER STATIONS**

### **Extra-High-Voltage Stations**

At Pinard Transformer Station, the northern terminus of the Commission's extra-high-voltage line, installation and testing of a 500—230—27.6-kv autotransformer bank consisting of three 200,000-kva, single-phase transformers were completed early in 1966. Unexpected problems were encountered, however, in the manufacturing and testing of the unusually large 360,000-kva, 500—230—27.6-kv, three-phase autotransformers to be used at Hanmer Transformer Station, near Sudbury, and at Kleinburg Transformer Station, the southern terminus of the line, near Toronto. This delayed the installation of the three-phase transformers at both stations, and required the continued operation of both the northern and the southern sections of the line at 230 kv for longer periods than had been originally intended.

The difficulties with the two three-phase autotransformers to be installed at Hanmer Transformer Station were overcome in the fall of 1966, and these units, together with two banks of single-phase, 41,666-kva, 500-kv shunt reactors, two 50,000-kva, 27.6-kv, three-phase shunt reactors, and three 500-kv circuit-breakers were placed in service, permitting the Pinard—Hanmer section of the ehv line to be changed over to 500-kv operation. At Kleinburg Transformer Station, temporary facilities were installed to by-pass the autotransformer positions so that power transmitted at 230 kv over the southern section of the ehv line could be transmitted further south over a new 230-kv line to Richview Transformer Station in western Metropolitan Toronto. The two autotransformers to be installed at Kleinburg Transformer Station are expected to be ready for service in the spring of 1967.





**PINARD TRANSFORMER STATION** — Power from Otter Rapids Generating Station on the Abitibi River, and from Little Long, Harmon, and Kipling Generating Stations on the Mattagami River is transmitted at 230 kv to this transformer station, where it is stepped up to 500 kv for transmission to load centres in northeastern and southern Ontario. The extra-high-voltage line, seen here stretching to the horizon, traverses a total distance of 435 miles to its southern terminus at Kleinburg Transformer Station, just north of Toronto.

### Western and Niagara Regions

In the London area, two 50,000/83,333-kva, 230—27.6-kv transformers were placed in service late in 1966 at the new London-Wonderland Transformer Station. At London-Nelson Transformer Station, preliminary steps were taken to arrange for the installation of two 45,000/75,000-kva, 115—13.8-kv transformers to replace two of smaller capacity, and at E. V. Buchanan Transformer Station work was begun on a program to replace sixteen 115-kv circuit-breakers with breakers of higher interrupting capacity.

Goderich Transformer Station, with two 15,000-kva, 115—27.6-kv transformers, was placed in service in the spring of 1966.

At Sarnia, grading was begun for the new Sarnia-Imperial Transformer Station, which is scheduled to be ready for service at the beginning of 1968 to supply a large industrial customer. The station will include two 50,000/83,333-kva, 230—27.6-kv transformers. The capacity of Sarnia-Vidal Transformer Station is being increased. Two 60,000/100,000-kva, 230—13.8-kv transformers,

scheduled to be in service in the spring of 1967, are being installed to supplement the 115—13.8-kv facilities already in service at the station.

At the Lambton Generating Station site, south of Sarnia, a temporary 115—27.6-kv station with one 25,000-kva transformer was placed in service in order to provide for load growth in the area until permanent 230—27.6-kv facilities are installed in 1968.

The capacity of Hamilton-Kenilworth Transformer Station was increased by the installation of two new 72,000/120,000-kva, 115—13.8-kv transformers. Two 40,000/66,666-kva transformers, previously in service at the station, were reconnected to serve as standby units. At Hamilton-Newton Transformer Station, the idle secondaries of the two 40,000/66,666-kva, 115—13.8-kv transformers were connected, thus increasing the capacity of the station.

The capacity of St. Catharines-Glendale Transformer Station is being enlarged in order to meet an increase in the requirements of a large industrial customer. Two 40,000/80,000-kva, 115—13.8-kv, three-phase transformers are being installed to replace four 15,000-kva transformers. One of the new transformers was in service before the end of the year.

### **Central and Georgian Bay Regions**

In the Metropolitan Toronto area, one of two 75,000/125,000-kva transformers to be installed at the new 230—27.6-kv Toronto-Finch Transformer Station was placed in service late in 1966. The other was scheduled to be ready for service early in 1967. Two new 115—13.8-kv transformer stations, Toronto-Charles and Toronto-Duplex, are to be brought into operation during 1967. Each of these stations will include two 45,000/75,000-kva transformers, and both stations will be operated by supervisory control from Toronto-Leaside Transformer Station.

At A. W. Manby Transformer Station, changes were made in the 230-kv line terminations and associated facilities to provide for the incorporation of Units 5 and 6 at Lakeview Generating Station. Three circuits from Lakeview Generating Station, those carrying the output from Units 1 to 6, now terminate at A. W. Manby Transformer Station. Facilities for terminating the 230-kv circuit which will carry the output from Units 7 and 8 at the generating station are being installed at Richview Transformer Station.

Work is progressing at Oshawa-Wilson Transformer Station where the initial installation of two 75,000/125,000-kva, 230—44-kv transformers is scheduled for service in 1967.

In the Muskoka area, property was purchased for a 230—44-kv station where two 25,000/41,666-kva transformers are scheduled to be placed in service in the spring of 1968. Beginning in 1969, the new station will be used as an operating centre for a number of generating and transformer stations in the area.



## Eastern Region

At the new 115—12-kv, indoor Ottawa-Hinchey Transformer Station, commissioning of the initial installation of two 45,000/75,000-kva transformers neared completion in 1966. One transformer was placed in service just before the end of the year, and the other was scheduled to be ready for service early in 1967. Preliminary work was undertaken for two other transformer station projects in Ottawa, both of which are to be completed in 1968. At Ottawa-Slater Transformer Station, two 45,000/75,000-kva, 115—12-kv transformers will be installed to replace two 20,000/33,333-kva transformers. Outdoor metalclad switchgear and facilities for supervisory control from Ottawa-Hawthorne Transformer Station will also be installed. The 115—12-kv facilities at Ottawa-Woodroffe Transformer Station will be expanded by the addition of two 20,000/33,333-kva transformers and a section of 12-kv outdoor metalclad switchgear.

Arnprior Transformer Station, a new 115—44-kv station with one 25,000/41,666-kva transformer, was placed in operation in April 1966.

## Northeastern and Northwestern Regions

Improved 115-kv service in the Timmins area will be provided in 1968 by Porcupine Transformer Station, a new 500—115-kv station on the extra-high-voltage line, where two 225,000-kva, three-phase autotransformers will be installed.



**CONTROL ROOM FOR NORTHERN GENERATING STATIONS** — From this control room at Pinard Transformer Station, about 45 miles northeast of Kapuskasing, three generating stations on the Mattagami River and one on the Abitibi are operated by remote control via very-high-frequency radio. The generating stations, at distances from Pinard Transformer Station ranging from 18 to 37 miles, include generating units with a total rated capacity of 551,000 kilowatts. They are unattended, except for routine maintenance and inspection, and any special maintenance indicated to be necessary by the remote control facilities.



At Kirkland Lake Transformer Station, a 75,000-kva, 115-kv regulating transformer was installed in the 25-cycle circuit which interconnects 25-cycle facilities in northeastern Ontario and northwestern Quebec. The new transformer will facilitate the transfer of 25-cycle power between the systems of the Ontario and the Quebec Commissions.

At Fort William Transformer Station, a new bank of 14,000-kva, 115—22-kv, single-phase transformers and two 10,000-kilovar banks of 22-kv static capacitors were installed. One 19,000-kva, 115—44-kv, three-phase transformer was placed in service in a new transformer station at Red Lake in November 1966. A second similar transformer will be installed at the station in 1967.

## TRANSMISSION LINES

The extra - high - voltage transmission line which carries power from the new complex of generating stations on the Abitibi and Mattagami Rivers to load centres in northeastern and southern Ontario is being brought to its full planned extent and capability by stages. The erection in 1966 of 37 miles of line terminating at Kleinburg completed the transmission facilities, and the ehv line now extends from its northern terminus at Pinard Transformer Station 435 miles southward to Kleinburg Transformer Station northwest of Metropolitan Toronto. A thirteen-mile section of double-circuit 230-kv line was also completed in 1966 to carry power from Kleinburg Transformer Station to Richview Transformer Station in western Metropolitan Toronto.



**TRANSFORMER FIELD TESTS** — A 360,000-kva, 500-230-kv, three - phase autotransformer is shown undergoing tests for insulation qualities. Two units of this type were placed in service at Hanmer Transformer Station, near Sudbury, in the fall of 1966 when the northern section of the extra-high-voltage system was changed to operation at 500 kv.

The northern section of the ehv line, between Pinard Transformer Station and Hanmer Transformer Station, near Sudbury, was placed in operation at 230



This Ontario Hydro helicopter is seen pulling a one-inch rope across the St. Clair River as a preliminary step in the stringing of conductor for the 2,420-foot river-crossing span, which forms part of a new interconnection between Ontario Hydro and the Detroit Edison Company. The procedure, which incorporated ground-based tension-stringing techniques in subsequent steps, permitted the whole operation to be carried out quickly and economically with virtually no interruption to ship traffic on the river. The interconnection, placed in service at 115,000 volts in December 1966, will be converted to 345,000-volt operation in 1968.

kv in 1963, and was changed to 500-kv operation late in 1966 when installation of the necessary transformation at Pinard and Hanmer Transformer Stations was completed. The southern section, placed in operation at 230 kv in 1965 between Hanmer Transformer Station and Essa Transformer Station near Barrie, and now extended southward to Kleinburg Transformer Station, will be changed over to 500-kv operation in 1967.

A new interconnection between the Commission's East System and the system of the Detroit Edison Company crosses the St. Clair River in the vicinity of the Lambton Generating Station project. The line was placed in service late in 1966. Two other interconnections between the two utilities, one in the Windsor-Detroit area, and the other in the Sarnia-Port Huron area, have been in use since 1953. The new interconnection consists of approximately three miles of 345-kv transmission line which runs from the Lambton project site about two miles to the south and then across the St. Clair River to the Detroit Edison Company's St. Clair Power Plant. Between Sarnia-Scott Transformer Station and the Lambton Generating Station project, a 13-mile double-circuit 230-kv line, which eventually will serve as part of the facilities required for incorporating



the generating station into the East System, was also constructed, and one circuit of this line was placed in service as a temporary part of the interconnection. Both this circuit and the three-mile 345-kv line were placed in operation initially at 115 kv. They will be operated at this voltage until mid 1968, when the installation of 345-kv line termination facilities at the St. Clair Power Plant and of a 345—230-kv autotransformer at Lambton Generating Station will permit the Lambton—St. Clair circuit to be converted to operation at 345 kv, and both circuits between Sarnia-Scott Transformer Station and Lambton Generating Station to be placed in operation at 230 kv. The costs of the interconnection will be shared approximately one-half by the Commission and one-half by the Detroit Edison Company and the Consumers Power Company.

A new 230-kv circuit between Lakeview Generating Station and A. W. Manby Transformer Station was placed in service to carry power generated by Units 5 and 6 at the generating station. The circuit includes approximately five miles of overhead conductor strung on bridge towers, and two parallel underground cable sections, about 2,550 feet long, laid under the Queen Elizabeth Way and an adjacent shopping plaza. Two other circuits previously installed on the bridge towers between Lakeview Generating Station and A. W. Manby

**Total Milage of Transmission Lines and Circuits**

| Voltage and Structure                  | Line Route or<br>Structure Miles |                     | Circuit<br>Miles    |                     |
|--|----------------------------------|---------------------|---------------------|---------------------|
|  | At Dec. 31,<br>1965              | At Dec. 31,<br>1966 | At Dec. 31,<br>1965 | At Dec. 31,<br>1966 |
| <b>EAST SYSTEM</b>                     |                                  |                     |                     |                     |
| 500,000-volt aluminum tower.....       | 76.01                            | 76.01               | 76.01               | 76.01               |
| 500,000-volt steel tower.....          | 325.55                           | 359.51              | 325.55              | 359.51              |
| 345,000-volt steel tower.....          | .....                            | 2.50                | .....               | 2.50                |
| 230,000-volt steel tower.....          | 3,295.60                         | 3,327.72            | 4,359.90            | 4,420.84            |
| 230,000-volt wood pole.....            | 252.01                           | 252.01              | 252.01              | 252.01              |
| 230,000-volt underground.....          | 0.84                             | 1.32                | 1.68                | 2.64                |
| 115,000-volt steel tower.....          | 1,980.57                         | 1,976.30            | 3,284.13            | 3,280.74            |
| 115,000-volt wood pole.....            | 1,690.53                         | 1,800.65            | 1,697.16            | 1,811.15            |
| 115,000-volt underground.....          | 34.96                            | 36.24               | 67.91               | 69.47               |
| 60,000-volt steel tower.....           | 11.20                            | 11.20               | 12.33               | 12.33               |
| 60,000-volt wood pole.....             | 3.31                             | 3.31                | 3.31                | 3.31                |
| 44,000-volt and less wood and steel... | 6,160.45                         | 6,265.94            | 6,652.14            | 6,732.86            |
| Total—East System.....                 | 13,831.03                        | 14,112.71           | 16,732.13           | 17,023.37           |
| <b>WEST SYSTEM</b>                     |                                  |                     |                     |                     |
| 115,000-volt steel tower.....          | 421.94                           | 424.15              | 625.84              | 628.05              |
| 115,000-volt wood pole.....            | 873.36                           | 917.23              | 873.36              | 917.23              |
| 69,000-volt wood pole.....             | 203.72                           | 203.72              | 203.72              | 203.72              |
| 44,000-volt and less wood pole.....    | 574.39                           | 528.15              | 614.71              | 569.50              |
| Total—West System.....                 | 2,073.41                         | 2,073.25            | 2,317.63            | 2,318.50            |
| Total—East and West Systems.....       | 15,904.44                        | 16,185.96           | 19,049.76           | 19,341.87           |



Transformer Station were rearranged to provide better spacing between conductors in order to prevent outages caused by conductor galloping during ice storms.

Two 115-kv lines were placed in service to supply new customers' loads. One of these, approximately 18 miles long, was built to supply the new pumping station of the Ontario Water Resources Commission at Grand Bend. The other, approximately 13 miles long, was built from Timmins Transformer Station to supply the new mill of a large mining customer.

Underground cable circuits completed during 1966 included two 115-kv pipe-type cables laid between Val Tetreau Junction and the new Ottawa-Hinchey Transformer Station. Two new 115-kv pipe-type cables, laid over a distance of slightly more than a mile between Balfour Junction and Toronto-Charles Transformer Station, form part of a back-up supply for Toronto-Teraulay Transformer Station. The installation of a 115-kv pipe-type cable between Toronto-Charles Transformer Station and Toronto-Teraulay Transformer Station was virtually complete at the end of the year.

Preliminary work on the interconnection between the East and West Systems was under way by the end of the year. Engineering surveys had been completed for various sections between R. H. Martindale Transformer Station and Marathon with a total length of 265 miles, and approximately 1,780 acres of right of way had been cleared. A detailed outline of the development of plans for the interconnection is included on page 55.

## SECTION V

### RESEARCH AND TESTING ACTIVITIES

THE research and testing program carried out by the Research Division in co-operation with other sections of the organization keeps the Commission abreast of the continuing rapid advance in technology throughout the electric-power industry, and at the same time makes significant contributions toward this advance. Among the more important results of this program during 1966 were the development of a highly sensitive generator-speed-sensing device now in use to improve the stability of power generation at a number of remote northern stations, and the provision of a full-scale test line to aid in studies of the conductor galloping phenomenon, under conditions closely simulating those of natural galloping.

Presentation of a comprehensive report of the year's achievements is impracticable here. Brief accounts, however, of a few of the more significant activities are given in the following paragraphs as an indication of the character and scope of the research and development work performed. Many of the investigations and studies are reported in greater detail in the publication *Ontario Hydro Research Quarterly*.

#### DEVELOPMENTS AND AIDS IN DESIGN

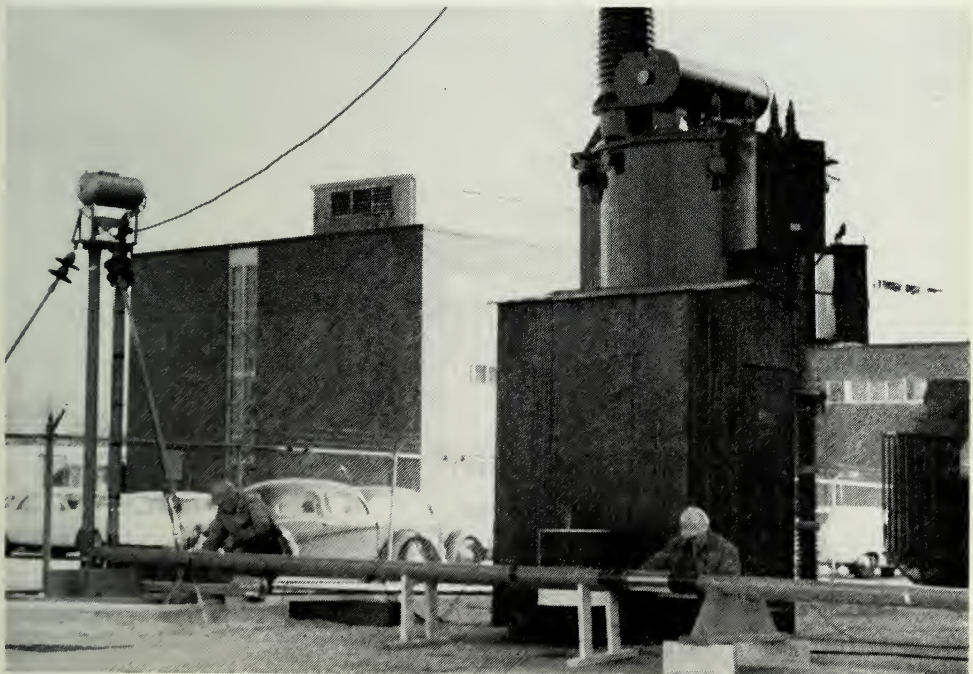
##### Oil-Filled-Pipe Cable

An experimental length of 115-kv cable of a novel design was assembled in the form of a 100-foot loop for high-voltage endurance and load-cycling tests. The new cable consists of a tubular conductor which is centred in an oil-filled glass-reinforced polyester pipe by polystyrene spacers, which have a low dielectric

constant close to that of the oil. It has evident advantages over conventional oil-insulated and paper-insulated cables — the elimination of paper insulation removes a source of sensitivity to variations in temperature and the presence of water, the oil dielectric can be treated or changed with comparative ease, and the cable has greatly improved heat-transfer characteristics and a much lower charging current per unit of length. In addition, the cable can be force-cooled by circulating the oil through heat exchangers, thus permitting operation at current densities several times higher than those possible with conventional cable. Heat runs which confirm the high current-carrying capacity of this design have been performed, and endurance tests at power-frequency voltages up to 150 kv are scheduled.

### Elastomeric Expansion Joints

With the use of elastomeric materials, the design of joints and various special features of large-size ducts and piping can often be simplified. Extensive tests have shown that for the expansion joints on the exhaust ducting system of thermal-electric generating stations, only the fluorinated rubbers can be expected to have an adequate service life at the operating temperatures. With the successful development of jointing and installation techniques for these fluorinated materials, simpler duct designs were made possible for units under construction or modification. Also, elastomeric expansion joints of improved quality and reliability were developed for the condenser circulating water systems.



An experimental installation of an oil-filled pipe-type cable of novel design is shown here being prepared for high-voltage-endurance and load-cycling tests. With free oil as the insulating medium, the cable can be loaded to current densities much higher than those possible with conventional high-voltage underground cable.



## **Fire Resistance of Control and Maintenance Buildings**

As part of a study of the factors involved in the effects of a fire in a station transformer, and in its control, tests were made under simulated conditions to evaluate the fire resistance of control and maintenance buildings adjacent to such a fire. The tests were performed on specimens of built-up roof, comprising a gravel surface, bitumen, felt, and thermal insulation on steel decking. The fire resistance of the roof was found to depend mostly on the type of bitumen used, with the amount of gravel used being next in importance. The heat-transfer characteristics of a masonry cavity wall were also investigated.

On the basis of the test data obtained, the temperature effects of a fire on a typical station building with a built-up roof and masonry cavity walls were calculated. The conclusion was reached that with the roof surface burning, the temperature of the air inside the building would not rise sufficiently to damage installed control equipment and wiring.

## **Hydraulic Gate Seals**

Rubber seals on hydraulic gates have in general been relatively free from failure. Premature failures of the seals in certain special applications, however, have caused sufficient concern to prompt extensive development and testing studies. In co-operation with the manufacturer, replacement seals with greatly improved retention of adhesion to metal during exposure to water were obtained for the metalclad gates at Little Long Generating Station, where failures of the adhesive bond at the rubber-metal interface of the original seals had occurred during the first year of service. At the Chippawa-Grass Island Control Structure on the Niagara River, the drum-gate seals had worn rapidly, with attendant high replacement costs, and solid rubber seals of superior material properties were developed to replace these, also by co-operative effort with the manufacturer. Since installation of these seals is dependent on the preparation of an adequate splice, procedures were devised for the production of splices which would be capable of withstanding the service stress and constant contact with water.

Data from long-term water-immersion studies have indicated that vulcanized joints, often of high initial strength, are on occasion susceptible to a progressive loss of bond. Appraisals of new polymer systems (for example, ethylene-propylene terpolymers) being developed for hydraulic-seal service, are therefore being extended to provide a basis for establishing reliable performance criteria.

## **Protection of Metals Against Corrosion**

During recent years, examination of specimens of metals and metal coatings exposed in the long-term outdoor atmospheric-corrosion tests begun in 1952 have established rates of long-term corrosion, and have further confirmed conclusions recorded in previous Annual Reports. Some additional tests begun since 1962 are outlined here together with any conclusions reached to date.

Aqueous-corrosion tests were begun at a Lake Ontario site, where a dozen materials including samples of sprayed-metal coatings are being exposed to partial

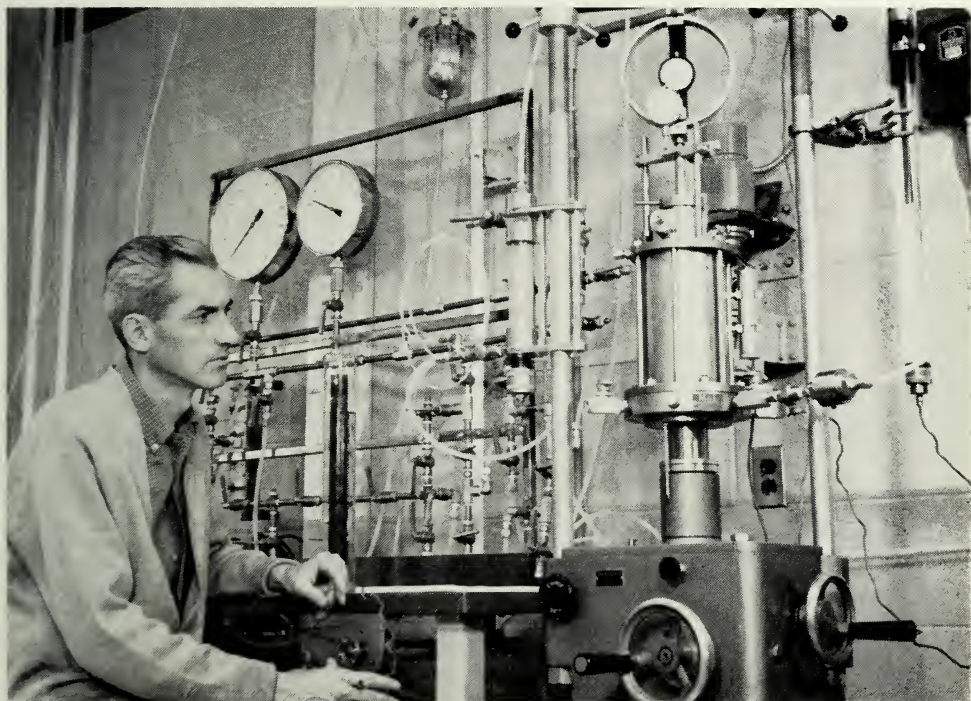
submersion and splashing. Sprayed coatings, in which considerable interest has been shown recently, can be applied in much greater thicknesses than dipped coatings, and so offer better protection against both mechanical damage and corrosion. If the sprayed coatings are sealed by a vinyl, they are especially effective as a protection against corrosion from underwater exposure. The underwater tests indicate that the corrosion resistance of sprayed zinc is good, while that of sprayed stainless steel coatings is relatively poor. At present, economic use of sprayed coatings generally depends on the adaptability of the item to an automatic spraying process.

The study has also shown that certain low-alloy high-tensile steels, which in the atmosphere develop a tight corroded surface that affords long-term protection, do not develop such a protective surface while submerged in water.

#### AIDS TO STATION CONSTRUCTION

##### **Behaviour of Foundation Soils During Construction**

The construction of Lambton and Pickering Generating Stations has provided an opportunity to study the effect of various construction operations on the behaviour of the foundation soil. The result has been a greatly increased knowledge of the behaviour of the widely different soil formations present at each site.



**NEW HIGH-PRESSURE TRIAXIAL TEST EQUIPMENT** — The shear strength and the deformation characteristics of a soil specimen are being determined under conditions closely simulating those of the soil in place. The triaxial test equipment shown is of considerably greater capacity than previous equipment, and incorporates innovations in design which provide greater flexibility in the application of stresses to a soil specimen.





**FREQUENCY TREND RELAY** — This relay is designed to aid in maintaining maximum system security by predicting whether power frequency would fall below a critical level during a system disturbance if no corrective action were taken. A design which provides compactness and reliability was achieved through extensive use of integrated solid-state components. A "bread board" layout of the relay circuitry is visible immediately behind the completed unit, which is shown undergoing final calibration.

At Lambton Generating Station, measurements of water-level changes, soil heave, and lateral displacement during major excavations were continued from the previous year. During driving of the powerhouse piles, the pore-water pressures induced in the adjacent soil were measured by simple piezometers, and by a specially developed device attached to several of the piles. The measurements were useful in appraisal of the effects of the lateral soil movements reported during the piling program. They also permitted a realistic prediction of elastic movements that will occur in the soil supporting the heavy transformers, or in that under structures close to a coal pile of varying size.

At Pickering Generating Station, water pressure and vertical and lateral ground movements were measured during the driving of H-section piles for one of the reactor buildings, to determine the effect that the pile driving has on nearby structures. A tie-back retaining wall of somewhat unusual design was instrumented to obtain a measure of the immediate and long-term soil pressures acting on the anchorages and horizontal lagging. The results confirmed many of the initial assumptions made in respect to the soil behaviour and indicated where appreciable economies can be realized in future work on the project.

#### **Stability and Stress Studies of Tower Cranes — Pickering Generating Station**

The main items of construction hoisting equipment used on the Pickering Generating Station project are four tower cranes of European design. To ensure



adequate working stability and reasonable stress levels, the manufacturer's design wind-load assumptions were reviewed. The allowances were found to be marginal, indicating a need either for adoption of a lower capacity rating or for reduction of the wind velocity permissible for crane operation.

In addition, a review of service conditions in relation to steel properties led to a recommendation that crane operation at low temperatures be restricted in order to reduce the danger of brittle fracture. The need for this proposed restriction, however, was obviated by specifying that the steel used in the tower structure have a greater low-temperature toughness than that originally used. Such steel was supplied by the manufacturer in the structure of one crane, and as replacement tower panels for the three others which were already in use.

To further enhance safe operation, the original wind-velocity indicator in the crane cab was replaced by an indicator-alarm system. With this system the temperatures of the steel are measured at both ground level and working height of the crane. Wind velocities and steel temperatures are recorded by an instrument installed at the crane base.

#### AIDS TO SYSTEM OPERATION

##### **Computer Representation of Power-System Components, with Particular Reference to Generator Excitation Systems**

A modern power system is a complex arrangement of interconnected generators, lines, and loads, and associated with each generator are control devices such as the speed governor and the voltage regulator for the direct-current excitation. In the planning of extensions to the power system, intensive analytical studies are required with respect to generator performance, load-flow patterns, and conditions that may lead to instability. Modern digital computers allow such studies to be made in much greater detail than was previously possible. Effective computer use, however, requires that large amounts of accurate input data be available, and that mathematical models of the generators and control systems be developed in a form suited to the computer operation.

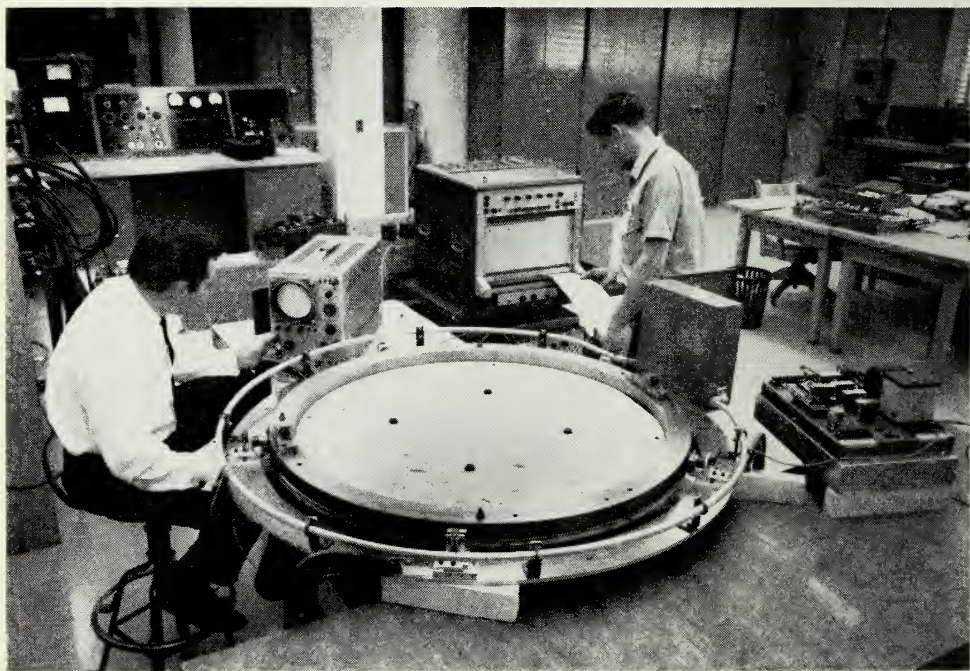
The necessary detailed performance data for generators and their excitation systems were obtained by field tests at a number of locations, notably Sir Adam Beck-Niagara Generating Station No. 2, Robert H. Saunders-St. Lawrence Generating Station, and stations on the Abitibi and Mattagami Rivers. The data thus obtained were first used in creating, on an analogue computer, models of single generators and excitation systems. The validity of the type of representation used was verified by comparison of the performance of this model with actual field data. The representations were then suitably modified for inclusion in digital-computer programs representing hundreds of machines.

##### **Static Exciters with Stabilizing Signals**

Computer simulation is also useful for appraising the effect on power-system performance of devices with new characteristics, such as the rectifier-type excitation systems introduced in 1963 at Otter Rapids and Little Long Generating Stations.

Initial analogue-computer studies showed that such excitation systems are potentially capable of increasing steady-state stability limits to a level equivalent to those obtainable with zero-impedance generators. To gain such a performance, however, a signal proportional to departures of the generator speed from the mean speed would be needed to damp out power and phase-angle oscillations.

A device for producing a stabilizing signal was developed, installed and tested in 1964, and this significantly improved stability, but without reaching the feasible ideal limits. A search for a better solution led to development of a new type of equipment in which a steel ring with gear-teeth is mounted on the generator shaft, and magnetic pick-ups monitor the rate of passage of the teeth. Electronic circuits, fed from the magnetic pick-ups, detect any variations in speed, and generate and feed a signal to the excitation control amplifier. The device was installed early in 1966 on one of the two generators at Harmon Generating Station. Tests showed that the device provides critical, or complete, damping of power and phase-angle oscillation, and so similar equipment has been installed on the second generator at Harmon Generating Station and on the two generators at Kipling Generating Station.



**GENERATOR STABILIZER OF NEW DESIGN** — These devices, one of which is shown undergoing calibration at the laboratory, have been installed on generating units at hydro-electric stations in northern Ontario. Mounted on the generator shaft, the stabilizer senses minute variations in generator speed and applies signals to the excitation control in order to damp out power and phase-angle oscillations. With the resulting operation of the generator at close to the theoretical stability limits, the stabilizer makes possible increases of up to 10 per cent in the transmission capability of high-voltage and extra-high-voltage lines.



## Studies of Conductor Galloping

In southern Ontario, galloping of transmission-line conductors occurs from time to time during the winter months as a result of wind in combination with rain

freezing on the conductors. The amplitude is frequently great enough to result in inter-phase faults because of the close approach of the conductors to each other. If severe faulting occurs, the line must be removed from service.



The use of inter-phase ties, such as the one shown here being installed between two phases of a 230-kv line, is being studied as a possible means of preventing outages caused by conductor galloping during ice and wind storms. Preliminary observations have indicated that the ties could eliminate phase-to-phase faults by substantially reducing the relative motion between adjacent conductors.

In recent years the need for a solution to the problem of conductor galloping has become increasingly urgent because of several factors. One of these is the rising standards of service security demanded throughout the electric-power industry. Another is the trend toward concentration in large blocks, of power-generating capacity sensitive to interruption (in particular, base-load nuclear-electric power stations). Still another is the increasing cost of right of way. Despite the considerable research already done, the only practical solution yet available is a costly one. This is to introduce and observe standards of conductor-span length and spacing which would ensure that galloping and its effects were kept to a minimum.

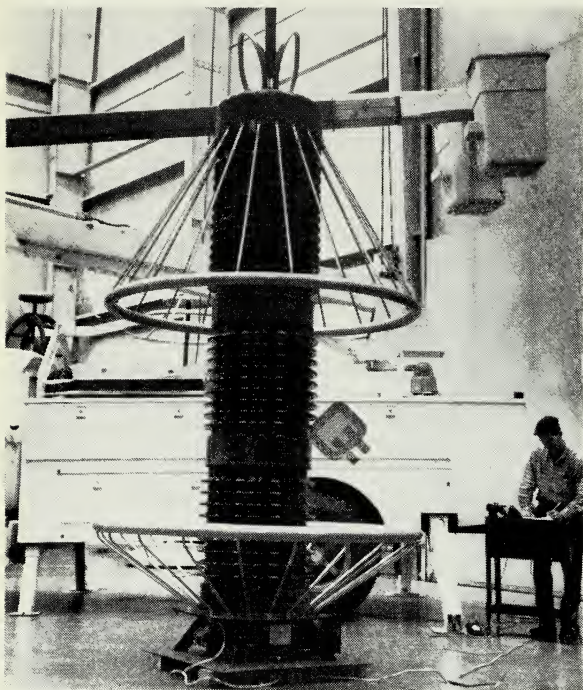
Recently, however, intensified study of the galloping phenomenon has resulted in some important achievements. Chief among these is the production in a full-scale test line, of artificial galloping, which greatly facilitates testing and hence the development of possible control measures. One proposed measure examined with this line, the use of insulated interphase ties, gives some promise of being effective on lines where a moderately substantial expenditure is warranted to provide improved control of galloping.

Overhead-Conductor Current Ratings

For some time the various sections of the Commission's organization that are responsible for the design, operation, and maintenance of transmission lines have



been co-operating in the development of a new method of determining current ratings for overhead conductors. The new rating method would permit higher conductor loadings, with significant savings, provided that other items such as connectors will also withstand the higher loadings.



**WORK IN THE HIGH-VOLTAGE LABORATORY** — The transformer in the foreground serves as a highly accurate voltage reference standard for the calibration of measuring equipment operating at voltages ranging from 50 kv to 350 kv. Here it is being used for voltage measurement during an insulation test of an aerial bucket device designed to hold linemen in position for bare-hand work on live transmission lines.

Conductor ratings are normally based on a maximum conductor-temperature value, which is generally so chosen as to avoid annealing, in order that no significant loss of conductor strength would occur even if the conductor were fully loaded for long periods. In contrast, the new method, by correlating hourly weather and load data for a specified line life, permits a conductor to be selected so that for the entire service period neither the electrical losses nor the loss of mechanical strength should be excessive. This approach, made possible by the wealth of weather and load information now available, and by the sophisticated data treatment attainable with computers, permits a more accurate appraisal of the relevant

parameters. Its use could be advantageous in system operation, since conductor temperatures far in excess of the previous limit could be tolerated for limited periods if these were followed by compensating periods with comparatively light loadings.

## Metering Transformers

Because of excessive metering burden, certain auxiliary saturating-type current transformers associated with the main high-voltage current transformers became partially saturated during periods of high load. This results in incorrect meter readings. Tests performed with a pair of these saturating-type transformers indicated that the saturation problems could be overcome by connecting two transformers in series. With this arrangement the required accuracy is maintained at up to twice the rated current, and the transformers still saturate as required at fault-current levels. The new arrangement, now in use on some lines, avoids the need for a specially designed transformer.

## STUDIES PERTAINING TO THE USE OF ELECTRIC ENERGY

**Electric Ceiling-Cable Radiant-Heat Systems**

Continuing research and development led to improved installation specifications for electric radiant-heat systems where the cable is embedded in ceiling plaster. Laboratory investigations of the effects of dehydration on the properties of plaster indicated that if the recommended minimum cable spacing is observed, no long-term deterioration of the plaster should occur. When specifications for plastered ceilings were improved and these specifications were duly observed by builders, more satisfactory installations resulted. In a familiarization program begun in 1965 and continued through 1966, the Commission provided instruction on the correct installation of cable-heating systems to about 250 representatives of Ontario builders, plasterers, and municipal utilities.

**Study for Comparison of Domestic Central-Heating Systems**

A new instrument system was developed for continuously measuring the heat delivered to houses by fuel-fired or electric furnaces. This system, now in trial use in three homes in Metropolitan Toronto, will provide data, previously unavailable, on hour-by-hour heat loss of structures and on cyclic and seasonal efficiencies of residential heating systems. The information gained will be useful both in the design and application of electric heating systems and in the resolution of uncertainty about the relative costs of heating with various fuels.

**Determination of Risk of Corrosion of Copper in Water-Heating Systems**

In various Ontario locations, well waters contain carbon dioxide in sufficiently high concentrations to be strongly corrosive to copper piping and fittings, and especially to the copper-sheathed immersion heating elements commonly used in domestic water-heaters. Special alloy-sheathed elements are resistant to this corrosion but are too expensive for unrestricted use. Where glass-lined tanks are used, a further



**LOW-WATTS-DENSITY IMMERSION ELEMENTS** — These elements have been developed for use in electric water-heaters in areas where scale accumulation is a problem. The larger element, rated at 4,500 watts, operates at only 30 watts per square inch of element surface, while the smaller element, rated at 3,000 watts, operates at a still lower watts density. The 3,000-watt element is suitable for use as the upper element in a 40-gallon heater, and the 4,500-watt element is suitable for the same function in a 60-gallon heater.

problem associated with such waters is the tendency for the copper from piping and heater sheaths to be electro-deposited in the inlet and outlet nipples, resulting eventually in plugging of the inlet and outlet. To provide a means for determining with various water supplies the risk of corrosion of the copper in a water heater, a small field kit convenient for use by service men was developed for measuring the concentration of free carbon dioxide in the water.

## MISCELLANEOUS STUDIES AND DEVELOPMENTS

### **Leak Location in Gas-Filled and Oil-Filled Underground Cables**

As a result of electrical failure, thermal expansion, corrosion, poor workmanship or external damage, leaks occasionally develop in directly buried underground power cables of both the gas-filled and oil-filled types. Location of such leaks to within a few feet, before soil excavation is begun, is often a difficult and time-consuming task.

All methods in common use for the location of a leak in a gas-filled pipe-type underground power cable consist of introducing a tracer gas into the pipe, and then detecting this gas at the point of escape. When a radioactive tracer gas is used, these methods are usually quite successful, but considerable time and expenditure are involved in arranging for a supply of the gas, and for the services of specialists trained in its proper handling and use. With other methods, such as those in which helium or a halogen are used as tracers, the somewhat non-selective detection equipment available often responds not only to the tracer gas, but also to other gases normally present in the soil and atmosphere.

These drawbacks were overcome by development of a practical field instrument that makes use of a halogen gas detector tube and a gas-separating column. With Freon 12 as the tracer gas, the instrument is selective and highly sensitive. It can be operated conveniently and effectively by maintenance personnel, and it has already been used to locate gas leaks in several operating cables.

A hydraulic method for locating leaks in oil-filled cables has been under development for several years, and has been used successfully on a number of occasions. This method involves simultaneous measurement of the rates of oil flow from a common oil reservoir to the leak along two hydraulic routes. One route is through the near end of the leaky cable and the other is through a parallel sound cable and the far end of the leaky cable. Since the rates of flow are inversely proportional to the distances over which the oil must travel along the two routes, the location of the leak can be calculated. The oil-flow rates that can be measured with the available flowmeters range from about one gallon per month to 25 gallons per hour.

### **Organo-Phosphorus Insecticides for Blackfly Control**

At the concentrations used for blackfly control at hydro-electric construction and operations projects in northern Ontario, DDT has appeared not to be immediately harmful to wildlife. Recent evidence has indicated, however, that



where introduced to streams for blackfly larvae control, DDT may have a cumulative deleterious effect on fish and aquatic organisms. In a search for a rapidly degradable innocuous alternative to DDT for stream treatment, several promising larvicides were evaluated in the spring of 1966 in co-operation with the Ontario Water Resources Commission.

Field trials were made with two water-emulsifiable organo-phosphorus larvicides. These compounds were metered at various dosage rates into three blackfly breeding streams in the vicinity of Des Joachims Generating Station. One of the compounds produced an adequately high blackfly-larvae mortality rate without noticeable adverse effects on fish and other stream life. As a result, this compound is being considered as a larvicide suitable for future treatments of blackfly-infested streams.

### **Coolants for Internal-Combustion Engines**

Ethylene glycol antifreeze leaking into the crankcase oil of internal-combustion engines can lead to formation of a heavy adhesive sludge in the oil, sometimes resulting in engine failure. This can be particularly costly when the engine is in use on an isolated northern construction project.

Initially, a sensitive field test was developed to detect glycol in the oil at an early stage, before sludge formation occurred. Although helpful in reducing the seriousness of the problem, this approach required a continuous oil-testing program, and still did not obviate the need for immediate maintenance work on engines with coolant leaks. As a later development, laboratory tests confirmed that a new glycol-ether-type antifreeze would evaporate from the oil at normal engine operating temperatures without forming significant amounts of sludge. Field testing of this product disclosed a corrosion problem, which the product supplier was able to overcome by reformulation. This antifreeze is now widely used in Ontario Hydro mobile equipment where service requirements are critical and coolant leakage in engines is a problem.

### **Studies of Air-Pollution Conditions in the Lambton Generating Station Area**

An extensive air-pollution monitoring system was installed on the Canadian side of the St. Clair River in the vicinity of Lambton Generating Station to establish the prevailing pollutant levels in the area in advance of operation of the station. Sampling stations are operating at 27 different locations to determine the average monthly sulphur-dioxide levels. Two instrumented sampling stations are used for continuous monitoring and recording of dust levels, instantaneous sulphur-dioxide levels, as well as wind direction and velocities. In addition to this program, there is co-operation with two industries that also are making air-pollution measurements in the area. The total area under study is about two hundred square miles, extending into the United States. The information obtained is shared, and co-operation extends to the establishing of sampling sites, the servicing and calibrating of instruments, and the standardization of test methods.

## SECTION VI

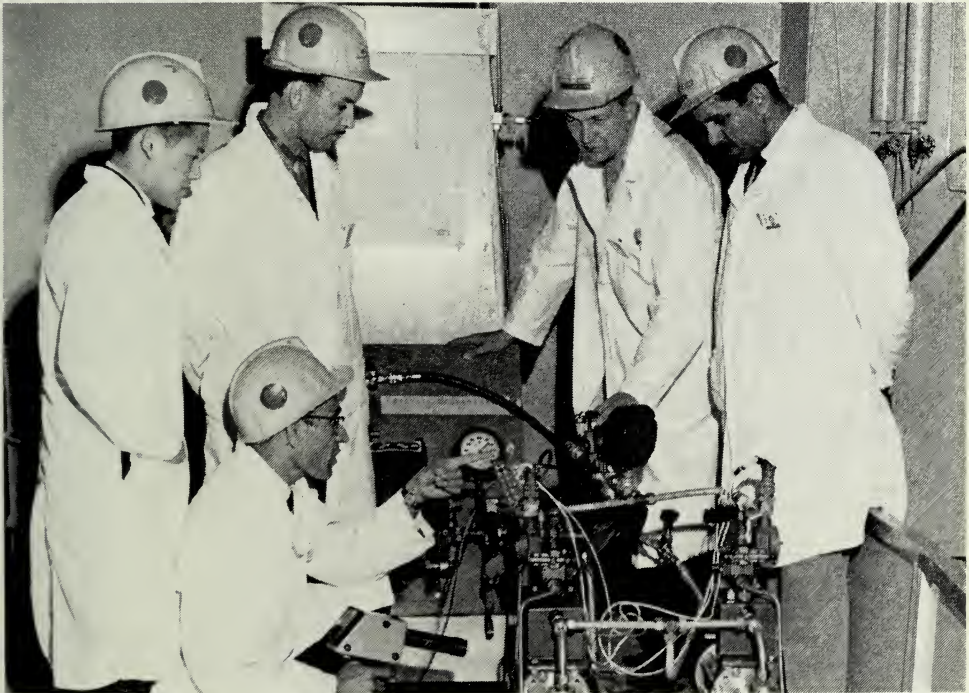
### STAFF RELATIONS

**T**HE power industry offers challenging opportunities to persons of widely diverse skills. Conventional problems in engineering and construction take on new interest even with only the normal advances in technology, but they do so particularly with the advent of nuclear generation, the introduction of ever larger and more completely automated generating units, and the development and extension of extra-high-voltage transmission. Electronic data processing has brought about revolutionary changes in the art of management by permitting refinement in financial and administrative control, and a new sophistication in planning for the future. The need for accelerated and more effective training for work in a rapidly changing environment has also created new demands upon those whose skills lie in human relations, and in the application of these skills to career planning, instruction, and administration generally.

All of this is reflected in a trend over the past few years toward a gradual increase in the proportion of the staff having professional qualifications, or at least some advanced technical training. The increase in the management and professional staff complement during 1966 included 56 experienced engineers, 63 engineering graduates who accepted positions following visits by the Commission's recruiting teams to Canadian and overseas universities, and 29 persons selected either for special training or for appointment to administrative management positions.

The staff have responded well to the demands arising from technological advances and from changes in job requirements. They have shown keen interest in opportunities for training, and have availed themselves of opportunities offered for the improvement of their qualifications, either at the Commission's Conference and Development Centre or elsewhere. Approximately one employee in ten took courses provided for operating, technical, and clerical staff, as well as in the various trades, both at the supervisory and journeyman levels. Instruction periods at the Training Centre vary in length from two days to three weeks. A number of sales training seminars and courses were provided for the Commission's sales staff in conjunction with marketing training services offered to utility staffs and industrial allies in various trades.

Special training is one method of facilitating the relocation of those employees whose jobs have disappeared through technological change. For example, following the introduction of more highly automated operations equipment in the Regions, a large number of displaced truck drivers were given certain basic training and were placed in other trades occupations throughout the Hydro organization.



In training personnel for nuclear operations, the Commission co-operates with other power organizations which are building or planning to build nuclear-power stations with reactors of the CANDU type used in Ontario, or a related design. This group, at the Nuclear Training Centre operated by the Commission at the Nuclear Power Demonstration plant, includes, as well as Ontario Hydro employees, personnel from the Province of Quebec and the Republic of Pakistan. Other personnel receiving training at the Centre have come from India and Japan.





**RADIATION PROTECTION PROCEDURES** — At nuclear-electric generating stations, protective standards and procedures are scrupulously followed in order to guard personnel against over-exposure to radiation. Careful checks are made to ensure that radioactive contamination is maintained at low levels, and confined within certain designated areas. Before leaving the reactor building at Douglas Point Nuclear Power Station, this man is monitoring his hands, parts of his outer clothing, and his shoes for the possible presence of minute particles of contaminated material.

The Commission's new Conference and Development Centre under construction near Orangeville is proceeding on schedule. The main building, as well as the adjacent trades facilities, is expected to be ready for service late in 1967.

The average number of Commission employees rose for the third successive year from 14,996 in 1965 to 15,361 in 1966, two-thirds of the increase being in the number of regular employees, up from 12,207 to 12,451. The average number of temporary employees was up from 2,789 to 2,910.

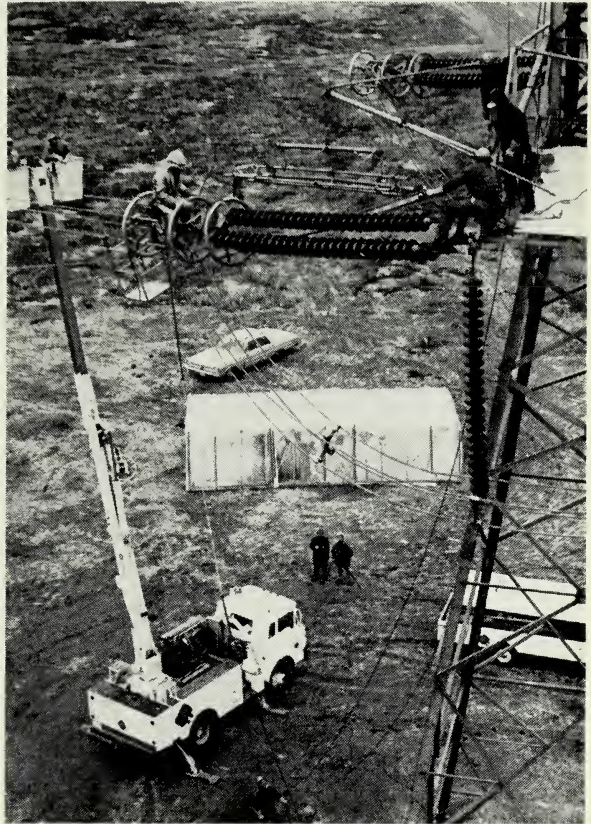
### Labour Relations

Negotiations for seven separate collective agreements were carried out in 1966 with representatives of approximately 13,000 members of union organizations. A two-year agreement was signed in October with the 9,000-member Ontario Hydro Employees Union. The other agreements were in various stages of conciliation at the end of the year. These were with the Allied Construction Council and other unions representing field construction forces, and with locals of the Canadian Union of Operating Engineers.

Co-operative activity on the part of management staff and union representatives in joint committee sessions has assisted in resolving problems of common concern. This work offered, for example, a channel of communication in dealing with problems arising from increasing automation and rapid technological change. The municipal utilities also, in dealing on their part with these and other complex labour relations problems common to power utility operations, have availed themselves of consultative services which the Commission provides on the basis of its broader experience.

### Accident Prevention

Special effort was given during 1966 to sharpening employee alertness to what were termed the "significant six" most frequent causes of accidents, and to encouraging preventive action. These causes were falls, objects in motion, strain in lifting etc., flying objects, sharp or pointed objects, and motor vehicles. A notable improvement in accident prevention performance was recorded in most large employee groups, with three new lows being established in frequency rates for disabling injuries per million man-hours worked. Design and construction employees attained a 14 per cent reduction in frequency to 18, regional staff a 13 per cent reduction to 7, and the staff as a whole a 10 per cent reduction to a frequency of 9.



**LIVE-LINE WORK AT 500 KV** — In the fall of 1966, the Commission demonstrated its newly developed techniques for the maintenance of extra-high-voltage lines to observers from a number of power systems and other organizations in Canada, the United States, and Great Britain. In the photograph, two observers, held aloft by an aerial bucket truck, are watching two Ontario Hydro linemen replace an insulator string. For protection against the effects of the high-voltage field, the lineman at the left is wearing a special conductive shielding suit which is bonded to the live conductor.

Though the over-all frequency rate of 9 is again an improvement over the average for the previous five years, the accident severity rate, unchanged from 1965 at 1,400 days per million man-hours worked, remains above the average of 1,300 days experienced for the previous five years.

### Medical Services

There were no serious epidemics among the staff in 1966, and the general health of the employees continued to be good.



Advisory and emergency medical services were available at Head Office and at aid posts established at a number of the major construction projects. The field hospital at Little Long Generating Station was closed in September, and plans were later made to provide medical care at Aubrey Falls and at other potential developments on the Mississagi River.

There was increased activity in the development of the radiation protection program in anticipation of the approaching initial operation of Douglas Point Nuclear Power Station. Training was given not only to Commission employees, but also to those requiring training who have come from India and Pakistan.

During 1966, a survey was completed of the incidence of coronary heart disease among the Commission's staff over a ten-year period. This was part of a more intensive campaign undertaken for the prevention of the disease.

### **Pension and Insurance Fund**

The amount held in trust by the Commission in the Pension and Insurance Fund stood at \$199,621,184 at December 31, 1966.



## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## PENSION AND INSURANCE FUND

## STATEMENT OF ASSETS

as at December 31, 1966

\$

|   |                    |
|---|--------------------|
| Investments   |                    |
| Bonds and stocks—   |                    |
| Federal and provincial government and government-guaranteed bonds<br>(par value \$134,351,000)..... | 132,186,408        |
| Corporation bonds (par value \$24,672,000).....   | 24,586,336         |
| Stocks.....   | 26,700,682         |
| Total bonds and stocks.....   | 183,473,426        |
| (approximate market value \$167,992,000)  |                    |
| First mortgages on real estate.....   | 18,030,437         |
| Real property leased to others.....   | 400,513            |
| Total investments.....  | 201,904,376        |
| Cash.....   | 142,660            |
| Accrued interest.....   | 2,124,737          |
|   | 204,171,773        |
| Payable to The Hydro-Electric Power Commission of Ontario.....                                      | 4,550,589          |
|   | <u>199,621,184</u> |

## NOTES

1. The most recent actuarial valuation of the pension plan as at December 31, 1964, indicated that the plan was fully funded. In 1965 and 1966, contributions have been made on a basis considered appropriate by the actuary.
2. In the above statement, bonds are included at amortized cost, stocks at cost, first mortgages on real estate at balance of principal outstanding, and real property at cost less amortization.
3. The Savings and Insurance Plan was terminated by the Commission as of December 31, 1965. All obligations under the Plan have now been discharged and the residual balance of \$501,044 in the Savings and Insurance Fund at December 31, 1966 has been transferred to the Pension and Insurance Fund.

## AUDITORS' REPORT

We have examined the statement of assets of The Hydro-Electric Power Commission of Ontario Pension and Insurance Fund as at December 31, 1966. Our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances.

In our opinion the accompanying statement presents fairly the assets of the fund as at December 31, 1966.

CLARKSON, GORDON &amp; CO.

Chartered Accountants.

Toronto, Canada  
May 10, 1967.



## APPENDIX I—OPERATIONS

THE table of power resources and requirements gives for each system and in total the primary peak requirements for the month of December, and the dependable capacity of the Commission's resources at the time those peak requirements occurred. A separate table on pages 102 and 103 gives the December dependable capacity and maximum output of each Commission-owned station and each source of purchased power, the capacity given for purchased power sources being based on the terms of the purchase contract.

Prior to 1965 the dependable capacity of any station was defined as the net output the station could be counted on either to equal or exceed 85 per cent of the time, and the dependable capacity of the systems was the sum of these figures. Following the completion in 1965 of studies of the output of system resources in total under historical stream-flow conditions, a new concept of the over-all risks arising from stream-flow variability led to the adoption, as a criterion for East System capacity, of total values that had a probability of being equalled or exceeded 98 per cent of the time. That is to say, the total output of the system is likely to be below that quoted only once in 50 years. In 1966 this was also the basis for calculating the dependable capacity of West System resources. While the same criterion is used in establishing the capacity of each station separately, the sum of these capacities is not the dependable capacity of the systems, since there is only a remote possibility that all stations will experience these low outputs simultaneously. Allowance for this diversity from one river to another is made in the following table.

The Analysis of Energy Sales on pages 106 and 107 shows how the kilowatt-hours generated or purchased by the Commission and the associated municipal utilities were distributed to the various classes of ultimate customers or to interconnected systems.

Statistics of peak loads and capacities are given, as elsewhere in the Report, in kilowatts rather than in horsepower. The kilowatt figures may be converted to horsepower by assuming that one horsepower is equivalent to 0.746 kilowatts.



## THE COMMISSION'S POWER RESOURCES—1966

|                    |  | Dependable Capacity* | Maximum Output* | Annual Energy Output (net) |
|--------------------|--|----------------------|-----------------|----------------------------|
|                    |  | kw                   | kw              | kwh                        |
| <b>East System</b> |  |                      |                 |                            |
| <i>River</i>       | <i>Hydro-Electric Generating Stations</i>  |                      |                 |                            |
| Niagara            | †Sir Adam Beck-Niagara No. 1.....  | 434,000              | 443,000         | 3,063,295,740              |
|                    | Sir Adam Beck-Niagara No. 2.....   | 1,330,000            | 1,290,000       | 8,059,768,200              |
|                    | Pumping-Generating Station.....  | 110,000              | 130,000         | 125,120,500                |
|                    | †Ontario Power.....  |                      | 115,600         | 42,959,000                 |
|                    | †Toronto Power.....  |                      | 84,000          | 15,629,900                 |
| Welland Canal      | DeCew Falls No. 1.....   | 31,000               | 32,950          | 151,896,700                |
|                    | DeCew Falls No. 2.....   | 124,000              | 142,000         | 919,661,200                |
|                    | Adjustment to Niagara River stations to compensate for use of water by Ontario Hydro rather than by another producer.....                  | 75,000               |                 |                            |
| Muskoka            | Ragged Rapids.....   | 7,500                | 7,350           | 40,502,300                 |
|                    | Big Eddy.....  | 7,100                | 8,550           | 37,862,820                 |
| South Muskoka      | South Falls.....   | 4,200                | 4,650           | 29,172,180                 |
|                    | Trethewey Falls.....   | 1,600                | 1,600           | 10,682,400                 |
|                    | Hanna Chute.....   | 1,200                | 1,300           | 8,803,660                  |
| Beaver             | Eugenia.....   | 5,400                | 5,320           | 19,452,000                 |
| Severn             | Big Chute.....   | 4,300                | 4,205           | 30,272,520                 |
| Saugeen            | Hanover.....   | 250                  |                 | 865,830                    |
| Trent              | Heely Falls.....   | 11,400               | 11,100          | 69,760,880                 |
|                    | Ranney Falls.....  | 8,600                | 8,905           | 48,829,600                 |
|                    | Meyersburg.....  | 5,200                | 5,850           | 33,858,690                 |
|                    | Sidney.....  | 3,100                | 3,500           | 19,473,240                 |
|                    | Hagues Reach.....  | 3,400                | 3,600           | 20,659,620                 |
|                    | Seymour.....   | 3,100                | 2,712           | 17,265,420                 |
|                    | Frankford.....   | 2,600                | 2,550           | 13,437,800                 |
|                    | Sills Island.....  | 1,600                | 1,523           | 8,728,210                  |
| Otonabee           | Auburn.....  | 1,800                | 1,725           | 9,768,770                  |
|                    | Lakefield.....   | 1,700                | 1,394           | 8,471,100                  |
| St. Lawrence       | Robert H. Saunders-St. Lawrence.....   | 646,000              | 845,000         | 6,026,943,000              |
| Ottawa             | Des Joachims.....  | 371,000              | 369,500         | 2,653,825,300              |
|                    | Otto Holden.....   | 192,000              | 215,000         | 1,380,599,100              |
|                    | Chenault.....  | 115,000              | 115,600         | 851,566,600                |
|                    | Chats Falls (Ontario half).....  | 77,000               | 79,000          | 612,984,500                |
| Madawaska          | Stewartville.....  | 65,000               | 65,500          | 312,383,400                |
|                    | Barrett Chute.....   | 42,000               | 42,000          | 235,585,200                |
|                    | Calabogie.....   | 3,900                | 4,470           | 26,215,160                 |
| Mississippi        | High Falls.....  | 2,600                | 2,575           | 15,872,910                 |
|                    | Galetta.....   | 800                  | 790             | 4,901,360                  |
| Rideau             | Merrickville.....  | 800                  | 655             | 3,430,430                  |
| Abitibi            | †Abitibi Canyon.....   | 226,000              | 227,000         | 1,446,103,400              |
|                    | Otter Rapids.....  | 174,000              | 178,000         | 729,460,000                |
| Mississagi         | George W. Rayner.....  | 46,000               | 46,400          | 315,058,310                |
|                    | Red Rock Falls.....  | 40,000               | 41,280          | 226,017,000                |
| Mattagami          | Kipling.....   | 135,000              | 143,000         | 303,214,600                |
|                    | Little Long.....   | 125,000              | 128,000         | 641,616,500                |
|                    | Harmon.....  | 119,000              | 146,000         | 712,848,000                |
|                    | †Wawaitin.....   | 10,700               | 10,700          | 68,293,020                 |
|                    | †Lower Sturgeon.....   | 3,900                | 5,900           | 43,291,927                 |
|                    | †Sandy Falls.....  | 2,600                | 2,580           | 19,427,400                 |
| Montreal           | Upper Notch.....   | 8,000                | 8,100           | 60,879,000                 |
|                    | Hound Chute.....   | 3,400                | 3,810           | 30,438,000                 |
|                    | Indian Chute.....  | 3,000                | 3,000           | 22,286,880                 |
|                    | Fountain Falls.....  | 2,000                | 1,800           | 16,432,140                 |
| Wanapitei          | Stinson.....   | 5,700                | 5,400           | 32,871,800                 |
|                    | Coniston.....  | 4,100                | 3,780           | 26,652,620                 |
|                    | McVittie.....  | 2,100                | 1,900           | 16,176,800                 |
| Matabitchuan       | Matabitchuan.....  | 10,000               | 9,600           | 66,536,600                 |
| Sturgeon           | Crystal Falls.....   | 8,000                | 8,000           | 52,385,040                 |
| South              | Nipissing.....   | 1,600                | 1,620           | 9,423,970                  |
|                    | Elliott Chute.....   | 1,200                | 1,460           | 6,214,520                  |
|                    | Bingham Chute.....   | 900                  | 890             | 4,685,580                  |
|                    | Diversity—Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole..... | 50,000               |                 |                            |
|                    | Total hydro-electric—East System.....  | 4,526,350            |                 | 29,530,577,347             |
| <i>Location</i>    | <i>Thermal-Electric Generating Stations</i>  |                      |                 |                            |
| Windsor            | J. Clark Keith.....  | 255,000              | 234,500         | 788,250,200                |
| Toronto            | Richard L. Hearn.....  | 1,193,000            | 1,158,500       | 3,876,760,100              |
|                    | Lakeview.....  | 1,140,000            | 1,130,000       | 5,542,812,000              |
| Rolphton           | Nuclear Power Demonstration.....   |                      | 21,700          | 161,048,000                |
| Toronto            | A. W. Manby TS (combustion-turbine generation).....  | 77,000               | 74,000          | 7,551,360                  |
| Sarnia             | Sarnia-Scott TS (combustion-turbine generation).....   | 72,000               | 72,500          | 5,110,080                  |
|                    | Total thermal-electric—East System.....  | 2,737,000            |                 | 10,381,531,740             |
|                    | Total generated—East System.....   | 7,263,350            |                 | 39,912,109,087             |

## THE COMMISSION'S POWER RESOURCES—1966

|   |                      | Dependable<br>Capacity* | Maximum<br>Output* | Annual Energy<br>Output (net) |
|---|----------------------|-------------------------|--------------------|-------------------------------|
|   |                      | kw                      | kw                 | kwh                           |
| <b>East System—Continued</b>  |                      |                         |                    |                               |
| <i>Sources of Purchased Power</i>   |                      |                         |                    |                               |
| Detroit Edison Co. ....   |                      |                         | 216,000            | 571,915,000                   |
| †Niagara Mohawk Power Corp. ....  |                      |                         | 286,000            | 1,486,682,000                 |
| ‡Canadian Niagara Power Co. ....  |                      |                         |                    | 320,000                       |
| Power Authority of the State of New York .....  |                      |                         | 188,000            | 270,522,000                   |
| ‡Quebec Hydro-Electric Commission .....   |                      | 348,000                 | 769,000            | 3,912,378,400                 |
| MacLaren-Quebec Power Co. ....  |                      | 93,000                  | 108,000            | 724,901,000                   |
| Ottawa Valley Power Co. ....  |                      | 77,000                  | 79,000             | 614,178,500                   |
| ‡Abitibi Paper Co. Ltd. ....  |                      |                         | 37,200             | 32,353,668                    |
| Great Lakes Power Corp. Ltd. ....   |                      | 2,000                   | 44,915             | 34,263,632                    |
| Miscellaneous (relatively small suppliers) .....  |                      | 1,500                   | 28,894             | 21,890,036                    |
| Total purchased—East System .....   |                      | 521,500                 |                    | 7,669,404,236                 |
| <b>West System</b>  |                      |                         |                    |                               |
| <i>River Hydro-Electric Generating Stations</i>   |                      |                         |                    |                               |
| Nipigon   | Pine Portage .....   | 115,200                 | 123,000            | 838,807,640                   |
|   | Cameron Falls .....  | 76,400                  | 74,800             | 549,727,000                   |
|   | Alexander .....      | 62,000                  | 63,000             | 437,165,200                   |
| English   | Caribou Falls .....  | 75,700                  | 80,000             | 573,934,000                   |
|   | Manitou Falls .....  | 60,000                  | 70,500             | 450,331,000                   |
|   | Ear Falls .....      | 10,900                  | 14,130             | 118,528,000                   |
| Kaministiquia .....   | Silver Falls .....   | 45,600                  | 46,000             | 253,915,000                   |
|   | Kakabeka Falls ..... | 23,900                  | 14,800             | 142,662,300                   |
| Winnipeg  | Whitedog Falls ..... | 52,600                  | 69,500             | 420,089,000                   |
| Aguaabon  | Aguaabon .....       | 46,100                  | 46,000             | 343,534,030                   |
| Diversity—Adjustment due to difference between the calculation of capacity on an individual plant basis and for the system as a whole ..... |                      | 17,400                  |                    |                               |
| Total hydro-electric—West System .....  |                      | 585,800                 |                    | 4,128,693,170                 |
| <i>Location Thermal-Electric Generating Stations</i>  |                      |                         |                    |                               |
| Fort William  | Thunder Bay .....    | 93,000                  | 60,000             | 8,045,000                     |
| Total generated—West System .....   |                      | 678,800                 |                    | 4,136,738,170                 |
| <i>Sources of Purchased Power</i>   |                      |                         |                    |                               |
| Manitoba Hydro-Electric Board .....   |                      |                         | 28,200             | 34,680,359                    |
| Total purchased—West System .....   |                      |                         |                    | 34,680,359                    |
| Total generated .....   |                      | 7,942,150               |                    | 44,048,847,257                |
| Total purchased .....   |                      | 521,500                 |                    | 7,704,084,595                 |
| Total generated and purchased .....   |                      | 8,463,650               |                    | 51,752,931,852                |

\*The power capacity and output referred to in this table are the 20-minute peaks for the month of December. Since the various maximum outputs do not coincide, their sum is not the peak load of the system.

†25 cycles.

‡25 and 60 cycles.

## POWER RESOURCES

|                          |             | DECEMBER DEPENDABLE |                    |                  |
|--------------------------|-------------|---------------------|--------------------|------------------|
|                          |             | Commission Stations |                    |                  |
|                          |             | Hydro-Electric      | Thermal-Electric † | Total            |
|                          |             | kw                  | kw                 | kw               |
| East System              | 1966        | 4,526,350           | 2,737,000          | 7,263,350        |
|                          | 1965        | 4,391,350           | 2,600,000          | 6,991,350        |
| Net increase or decrease |             | 135,000             | 137,000            | 272,000          |
| West System              | 1966        | 585,800             | 93,000             | 678,800          |
|                          | 1965        | 593,500             | 93,000             | 686,500          |
| Net increase or decrease |             | 7,700               | .....              | 7,700            |
| <b>Total</b>             | <b>1966</b> | <b>5,112,150</b>    | <b>2,830,000</b>   | <b>7,942,150</b> |
|                          | <b>1965</b> | <b>4,984,850</b>    | <b>2,693,000</b>   | <b>7,677,850</b> |

\*The capacities shown are those available for a 20-minute period at the times of system primary peak demand in December, the capacity of purchased power sources being based on the terms of the purchase contract. Requirements shown are the December coincident peaks for each system and their arithmetical sum.

## Energy Made Available by the Commission

|  | 1965                  |                       | 1966                  |                       | Increase<br>or<br>Decrease |
|--|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|
|  | kwh                   |                       | kwh                   |                       | per cent                   |
| <b>EAST SYSTEM</b>                             |                       |                       |                       |                       |                            |
| Generated (net)                                |                       |                       |                       |                       |                            |
| Hydro-electric.....                            | 25,542,175,789        |                       | 29,530,577,347        |                       | 15.6                       |
| Thermal-electric and<br>combustion-turbine.... | 10,769,831,020        |                       | 10,381,531,740        |                       | 3.6                        |
| Total generated.....                           | 36,312,006,809        |                       | 39,912,109,087        |                       | 9.9                        |
| Purchased.....                                 | 7,211,507,646         |                       | 7,669,404,236         |                       | 6.3                        |
| Primary.....                                   |                       | 40,471,751,780        |                       | 44,462,493,025        | 9.9                        |
| Secondary.....                                 |                       | 3,051,762,675         |                       | 3,119,020,298         | 2.2                        |
| Total.....                                     | 43,523,514,455        | 43,523,514,455        | 47,581,513,323        | 47,581,513,323        | 9.3                        |
| <b>WEST SYSTEM</b>                             |                       |                       |                       |                       |                            |
| Generated (net)                                |                       |                       |                       |                       |                            |
| Hydro-electric.....                            | 4,002,817,760         |                       | 4,128,693,170         |                       | 3.1                        |
| Thermal-electric.....                          | 5,431,710             |                       | 8,045,000             |                       | .....                      |
| Total generated.....                           | 3,997,386,050         |                       | 4,136,738,170         |                       | 3.5                        |
| Purchased.....                                 | 6,833,966             |                       | 34,680,359            |                       | 407.5                      |
| Primary.....                                   |                       | 3,112,397,539         |                       | 3,593,178,724         | 15.4                       |
| Secondary.....                                 |                       | 891,822,477           |                       | 578,239,805           | 35.2                       |
| Total.....                                     | 4,004,220,016         | 4,004,220,016         | 4,171,418,529         | 4,171,418,529         | 4.2                        |
| <b>TOTAL</b>                                   |                       |                       |                       |                       |                            |
| Generated (net)                                |                       |                       |                       |                       |                            |
| Hydro-electric.....                            | 29,544,993,549        |                       | 33,659,270,517        |                       | 13.9                       |
| Thermal-electric and<br>combustion-turbine.... | 10,764,399,310        |                       | 10,389,576,740        |                       | 3.5                        |
| Total generated.....                           | 40,309,392,859        |                       | 44,048,847,257        |                       | 9.3                        |
| Purchased.....                                 | 7,218,341,612         |                       | 7,704,084,595         |                       | 6.7                        |
| Primary.....                                   |                       | 43,584,149,319        |                       | 48,055,671,749        | 10.3                       |
| Secondary.....                                 |                       | 3,943,585,152         |                       | 3,697,260,103         | 6.2                        |
| <b>Total</b> .....                             | <b>47,527,734,471</b> | <b>47,527,734,471</b> | <b>51,752,931,852</b> | <b>51,752,931,852</b> | <b>8.9</b>                 |



## AND REQUIREMENTS

| CAPACITY*                        |                                  |                                |         |  |
|----------------------------------|----------------------------------|--------------------------------|---------|--|
| Sources of<br>Purchased<br>Power | Total<br>Dependable<br>Capacity* | Primary Power<br>Requirements* | Reserve | Ratio of<br>Reserve to<br>Requirements |
| kw                               | kw                               | kw                             | kw      | per cent                               |
| 521,500                          | 7,784,850                        | 8,028,055                      | 243,205 | 3.0                                    |
| 521,300                          | 7,512,650                        | 7,344,331                      | 168,319 | 2.3                                    |
| 200                              | 272,200                          | 683,724                        | .....   | ....                                   |
| .....                            | 678,800                          | 537,410                        | 141,390 | 26.3                                   |
| .....                            | 686,500                          | 474,080                        | 212,420 | 44.8                                   |
| .....                            | 7,700                            | 63,330                         | .....   | ....                                   |
| <b>521,500</b>                   | <b>8,463,650</b>                 | <b>8,565,465</b>               | †       | †                                      |
| <b>521,300</b>                   | <b>8,199,150</b>                 | <b>7,818,411</b>               | †       | †                                      |

†Includes combustion-turbine generation.

‡There is no interconnection between the East and West Systems.

ANALYSIS OF  
by the Commission and Associated

|  | SALES BY ASSOCIATED<br>MUNICIPAL<br>ELECTRICAL UTILITIES<br>LISTED IN<br>STATEMENT A |
|--|--|
|  | kwh  |
| Ultimate use:  |  |
| Residential service.....   | 9,950,717,298  |
| Summer service.....  |  |
| Total sales residential-type service .....   | 9,950,717,298  |
| Commercial service.....  | 5,615,792,307  |
| Industrial power service—primary.....  | 12,057,652,228   |
| —secondary.....  |  |
| Farm.....  |  |
| Street Lighting.....   | 369,846,252  |
| Unclassified as to ultimate use:   |  |
| To interconnected systems for resale—primary.....  |  |
| —secondary.....  |  |
| Total sales to ultimate customers and for resale.....                                    | 27,994,008,085   |
| Adjustments:   |  |
| Distribution losses and unaccounted for—M.E.U.....                                       | 1,026,753,718  |
| Generated by M.E.U. listed in Statement A.....   | 210,370,297  |
| Purchased by M.E.U. listed in Statement A from sources other than<br>the Commission..... | 201,609,353  |
| Commission sales to municipalities and to direct and retail customers                    | 28,608,782,153   |
| Distribution losses and unaccounted for—Commission.....                                  |  |
| Transmission losses and unaccounted for—Commission.....                                  |  |
| Generated and purchased by the Commission.....   |  |

\*For administrative purposes classified with retail sales.

## ENERGY SALES

## Municipal Electrical Utilities during 1966

| SALES BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO                    |                |             |                     | TOTAL          |
|--|----------------|-------------|---------------------|----------------|
| To Retail Customers  |                |             | To Direct Customers |                |
| In Certain Towns and Villages Served by Commission Distribution Facilities | In Rural Areas | Special*    |                     |                |
| kwh  | kwh            | kwh         | kwh                 | kwh            |
| 151,865,490  | 1,570,966,227  | .....       | .....               | 11,673,549,015 |
| .....  | 130,845,233    | .....       | .....               | 130,845,233    |
| 151,865,490  | 1,701,811,460  | .....       | .....               | 11,804,394,248 |
| 89,773,167   | 478,810,358    | .....       | .....               | 6,184,375,832  |
| 20,279,887   | 977,967,494    | 678,871,470 | 10,255,485,048      | 23,990,256,127 |
| .....  | .....          | 31,881,388  | 518,709,129         | 550,590,517    |
| .....  | 1,226,165,263  | .....       | .....               | 1,226,165,263  |
| 4,100,673  | 19,834,091     | .....       | .....               | 393,781,016    |
| .....  | .....          | 91,094,873  | .....               | 91,094,873     |
| .....  | .....          | 8,159,785   | 3,079,952,283       | 3,088,112,068  |
| 266,019,217  | 4,404,588,666  | 810,007,516 | 13,854,146,460      | 47,328,769,944 |
| .....  | .....          | .....       | .....               | 1,026,753,718  |
| .....  | .....          | .....       | .....               | 210,370,297    |
| .....  | .....          | .....       | .....               | 201,609,353    |
| 266,019,217  | 4,404,588,666  | 810,007,516 | 13,854,146,460      | 47,943,544,012 |
| 19,890,482   | 388,502,732    | .....       | .....               | 408,393,214    |
| .....  | .....          | .....       | .....               | 3,400,994,626  |
| .....  | .....          | .....       | .....               | 51,752,931,852 |





## APPENDIX II—FINANCIAL

### Table of Financial Statements

|  |     |
|--|-----|
| Balance Sheet .....  | 28  |
| Statement of Operations .....  | 30  |
| Statement of the Allocation of the Cost of Primary Power .....                   | 31  |
| Equities Accumulated through Debt Retirement Charges .....                       | 32  |
| Reserve for Stabilization of Rates and Contingencies .....                       | 32  |
| Statement of Source and Application of Funds .....                               | 34  |
| Notes to Financial Statements .....  | 35  |
| Fixed Assets .....   | 110 |
| Accumulated Depreciation .....   | 114 |
| Frequency Standardization Account .....  | 115 |
| Bonds Payable .....  | 116 |
| Advances from the Province of Ontario .....                                      | 117 |
| Statement of the Allocation of the Cost of Primary Power to Municipalities ..... | 118 |
| Statement of Equities Accumulated Through Debt Retirement Charges .....          | 137 |

**FIXED**  
**Statement Showing Changes during**

| PROPERTY   | IN                              |                         |   |
|--|---------------------------------|-------------------------|---|
|  | Balance<br>December 31,<br>1965 | Changes                 |   |
|  |                                 | Placed<br>in<br>Service | Equipment<br>Relocated<br>and<br>Reclassified |
|  | \$                              | \$                      | \$  |
| <b>Power Supply Facilities</b>                             |                                 |                         |   |
| <b>HYDRO-ELECTRIC GENERATING STATIONS</b>                  |                                 |                         |   |
| Niagara River  |                                 |                         |   |
| Sir Adam Beck-Niagara No. 1.....                           | 96,355,515                      | 161,280                 | 23,211  |
| Sir Adam Beck-Niagara No. 2.....                           | 265,357,730                     | 44,871                  | .....   |
| Pumping-Generating Station.....                            | 40,390,742                      | 5,854                   | .....   |
| River Remedial Works and Control<br>Structure.....         | 10,290,193                      | 354,748                 | .....   |
| Ontario Power.....   | 21,847,991                      | 65,000                  | .....   |
| Toronto Power.....   | 11,546,739                      | .....                   | .....   |
| Welland Canal  |                                 |                         |   |
| DeCew Falls.....   | 27,530,772                      | 11,397                  | .....   |
| St. Lawrence River   |                                 |                         |   |
| Robert H. Saunders-St. Lawrence..                          | 301,405,569                     | 751,103                 | .....   |
| Ottawa River   |                                 |                         |   |
| Des Joachims.....  | 75,031,394                      | 44,933                  | .....   |
| Otto Holden.....   | 60,166,188                      | 58,596                  | .....   |
| Chenau.....  | 29,850,416                      | 2,714                   | .....   |
| Chats Falls.....   | 8,294,618                       | 8,166                   | 11,514  |
| Ogoki Diversion.....                                       | 5,052,955                       | .....                   | .....   |
| Madawaska River  |                                 |                         |   |
| Stewartville.....  | 12,539,626                      | .....                   | .....   |
| Barrett Chute.....   | 4,881,244                       | 3,329                   | .....   |
| Mountain Chute.....  | .....                           | .....                   | .....   |
| Abitibi River  |                                 |                         |   |
| Abitibi Canyon.....  | 24,408,555                      | 4,246,721               | 2,998,560                                     |
| Otter Rapids.....  | 33,208,905                      | 43,436                  | .....   |
| Mississagi River   |                                 |                         |   |
| George W. Rayner.....                                      | 18,554,917                      | 15,841                  | 11,892  |
| Red Rock Falls.....  | 16,891,308                      | .....                   | .....   |
| Aubrey Falls.....  | .....                           | .....                   | .....   |
| Mattagami River  |                                 |                         |   |
| Little Long.....   | 45,657,467                      | 1,637                   | .....   |
| Harmon.....  | 23,286,742                      | .....                   | .....   |
| Kipling.....   | .....                           | 23,764,793              | .....   |
| Nipigon River  |                                 |                         |   |
| Pine Portage.....  | 32,005,368                      | 5,534                   | .....   |
| Cameron Falls.....   | 15,637,070                      | 71,193                  | .....   |
| Alexander.....   | 11,970,304                      | 434,149                 | .....   |
| English River  |                                 |                         |   |
| Caribou Falls.....   | 24,226,908                      | 221                     | .....   |
| Manitou Falls.....   | 15,518,788                      | .....                   | .....   |
| Kaministiquia River  |                                 |                         |   |
| Silver Falls.....  | 16,004,114                      | 6,244                   | .....   |
| Winnipeg River   |                                 |                         |   |
| Whitedog Falls.....  | 21,308,734                      | 1,390                   | .....   |
| Aguasabon River  |                                 |                         |   |
| Aguasabon.....   | 12,768,314                      | .....                   | .....   |
| Other properties.....                                      | 58,926,635                      | 586,360                 | 28,823  |
| <b>Total Hydro-Electric Generating<br/>  Stations.....</b> | <b>1,340,915,821</b>            | <b>30,689,068</b>       | <b>2,993,326</b>                              |



## ASSETS

## Year 1966 and Balances at December 31, 1966

| SERVICE                     |                                 | UNDER<br>CONSTRUCTION<br>DECEMBER 31,<br>1966 | TOTAL<br>FIXED ASSETS<br>DECEMBER 31,<br>1966 | EXPENDITURES<br>DURING<br>1966 |
|-----------------------------|---------------------------------|---|---|--------------------------------|
| during Year                 | Balance<br>December 31,<br>1966 |   |   |                                |
| Sales<br>and<br>Retirements |                                 |   |   |                                |
| \$                          | \$                              | \$  | \$  | \$                             |
| 177,322                     | 96,316,262                      | 463,727                                       | 96,779,989                                    | 345,302                        |
| 48,329                      | 265,354,272                     | 248,255                                       | 265,602,527                                   | 175,649                        |
| .....                       | 40,396,596                      | 158,833                                       | 40,555,429                                    | 10,545                         |
| .....                       | 10,644,941                      | .....   | 10,644,941                                    | 331,285                        |
| .....                       | 21,912,991                      | 29,771  | 21,942,762                                    | 6,620                          |
| .....                       | 11,546,739                      | 698   | 11,547,437                                    | 698                            |
| 10,892                      | 27,531,277                      | 45,076  | 27,576,353                                    | 33,173                         |
| 211,597                     | 301,945,075                     | 498,819                                       | 302,443,894                                   | 1,068,440                      |
| 1,097                       | 75,075,230                      | 94,457  | 75,169,687                                    | 37,742                         |
| 3,134                       | 60,221,650                      | 67,245  | 60,288,895                                    | 116,003                        |
| 36,472                      | 29,816,658                      | 302,716                                       | 30,119,374                                    | 270,612                        |
| 3,843                       | 8,310,455                       | 18,027  | 8,328,482                                     | 11,763                         |
| .....                       | 5,052,955                       | .....   | 5,052,955                                     | .....                          |
| .....                       | 12,539,626                      | 1,040,934                                     | 13,580,560                                    | 1,012,513                      |
| 750                         | 4,883,823                       | 1,822,988                                     | 6,706,811                                     | 1,712,895                      |
| .....                       | .....                           | 24,578,367                                    | 24,578,367                                    | 13,168,707                     |
| 461,465                     | 25,195,251                      | 686,662                                       | 25,881,913                                    | 2,089,462                      |
| .....                       | 33,252,341                      | 4,036   | 33,256,377                                    | 11,844                         |
| 1,287                       | 18,557,579                      | 54,393  | 18,611,972                                    | 46,527                         |
| .....                       | 16,891,308                      | 15,611  | 16,906,919                                    | 10,672                         |
| .....                       | .....                           | 1,190,325                                     | 1,190,325                                     | 1,190,325                      |
| .....                       | 45,659,104                      | 317,062                                       | 45,976,166                                    | 231,028                        |
| .....                       | 23,286,742                      | 717,892                                       | 24,004,634                                    | 556,155                        |
| .....                       | 23,764,793                      | 479,765                                       | 24,244,558                                    | 5,137,708                      |
| 90                          | 32,010,812                      | 109,871                                       | 32,120,683                                    | 97,917                         |
| .....                       | 15,708,263                      | 4,026   | 15,712,289                                    | 12,722                         |
| 7,479                       | 12,396,974                      | 4,297   | 12,401,271                                    | 203,158                        |
| .....                       | 24,226,687                      | 8,072   | 24,234,759                                    | 3,891                          |
| .....                       | 15,518,788                      | 2,987   | 15,521,775                                    | 2,987                          |
| .....                       | 16,010,358                      | 5,835   | 16,016,193                                    | 6,021                          |
| 2,235                       | 21,307,889                      | 6,594   | 21,314,483                                    | 4,318                          |
| .....                       | 12,768,314                      | 698   | 12,769,012                                    | 698                            |
| 384,960                     | 59,156,858                      | 3,431,966                                     | 62,588,824                                    | 958,224                        |
| 1,350,952                   | 1,367,260,611                   | 36,410,005                                    | 1,403,670,616                                 | 28,865,604                     |

## FIXED

## Statement Showing Changes during

| PROPERTY  | IN                              |                         |   |
|---|---------------------------------|-------------------------|---|
|   | Balance<br>December 31,<br>1965 | Changes                 |   |
|   |                                 | Placed<br>in<br>Service | Equipment<br>Relocated<br>and<br>Reclassified |
|   | \$                              | \$                      | \$  |
| <b>Power Supply Facilities (Continued)</b>                      |                                 |                         |   |
| THERMAL-ELECTRIC GENERATING STATIONS                            |                                 |                         |   |
| Conventional  |                                 |                         |   |
| J. Clark Keith.....   | 46,647,981                      | 58,151                  | 2,421   |
| Richard L. Hearn.....   | 147,010,755                     | 217,431                 | .....   |
| Lakeview.....   | 136,676,607                     | 53,874                  | 14,752  |
| Lambton.....  | .....                           | .....                   | .....   |
| Nanticoke.....  | .....                           | .....                   | .....   |
| Thunder Bay.....  | 27,451,381                      | .....                   | .....   |
| Nuclear—(Portion of cost borne by Commission)                   |                                 |                         |   |
| Douglas Point.....  | .....                           | 1,504,659               | .....   |
| Pickering.....  | .....                           | .....                   | .....   |
| Combustion Turbines.....  | 7,845,000                       | 5,733,657               | 100,256                                       |
| Other properties.....   | 904,142                         | 236                     | 14,752  |
| Total Thermal-Electric Generating Stations.....                 | 366,535,866                     | 7,568,008               | 102,677                                       |
| Total Generating Stations.....                                  | 1,707,451,687                   | 38,257,076              | 2,890,649                                     |
| TRANSFORMER STATIONS.....                                       | 309,780,512                     | 21,863,720              | 3,362   |
| TRANSMISSION LINES.....   | 349,655,457                     | 19,345,373              | 248,432                                       |
| COMMUNICATION EQUIPMENT.....                                    | 14,820,325                      | 1,101,115               | 122,540                                       |
| RETAIL DISTRIBUTION PLANT AND EQUIPMENT.....                    | 328,361,853                     | 20,287,478              | 267,230                                       |
| Total Power Supply Facilities.....                              | 2,710,069,834                   | 100,854,762             | 3,035,349                                     |
| <b>Administrative and Service Land, Buildings and Equipment</b> |                                 |                         |   |
| LAND AND BUILDINGS.....   | 29,914,102                      | 1,169,502               | 2,916,795                                     |
| OFFICE AND SERVICE EQUIPMENT (Note)                             | 51,112,656                      | 12,110,372              | 118,554                                       |
| Total Administrative and Service Land, Buildings, and Equipment | 81,026,758                      | 13,279,874              | 3,035,349                                     |
| TOTAL FIXED ASSETS.....   | 2,791,096,592                   | 114,134,636             | .....   |

## NOTE

The balance at December 31, 1965, for office and service equipment includes \$37,392,202 representing the original cost of tools and equipment transferred from current assets.

## ASSETS

## Year 1966 and Balances at December 31, 1966

| SERVICE                     |                                 | UNDER<br>CONSTRUCTION<br>DECEMBER 31,<br>1966 | TOTAL<br>FIXED ASSETS<br>DECEMBER 31,<br>1966 | EXPENDITURES<br>DURING<br>1966 |
|-----------------------------|---------------------------------|---|---|--------------------------------|
| during Year                 | Balance<br>December 31,<br>1966 |   |   |                                |
| Sales<br>and<br>Retirements |                                 |   |   |                                |
| \$                          | \$                              | \$  | \$  | \$                             |
| 45,891                      | 46,662,662                      | 24,863  | 46,687,525                                    | 34,427                         |
| 1,230,441                   | 145,997,745                     | 2,471,791                                     | 148,469,536                                   | 2,453,429                      |
| .....                       | 136,715,729                     | 88,917,556                                    | 225,633,285                                   | 41,434,442                     |
| .....                       | .....                           | 35,167,184                                    | 35,167,184                                    | 28,848,355                     |
| .....                       | .....                           | 112,346                                       | 112,346                                       | 112,346                        |
| .....                       | 27,451,381                      | 4,440   | 27,455,821                                    | 4,440                          |
| 1,005                       | 1,503,654                       | 2,179,510                                     | 3,683,164                                     | 387,576                        |
| .....                       | .....                           | 12,381,629                                    | 12,381,629                                    | 9,148,560                      |
| .....                       | 13,678,913                      | 16,439,983                                    | 30,118,896                                    | 19,537,319                     |
| 249,579                     | 669,551                         | 2,453,466                                     | 3,123,017                                     | 1,073,309                      |
| 1,526,916                   | 372,679,635                     | 160,152,768                                   | 532,832,403                                   | 103,034,203                    |
| 2,877,868                   | 1,739,940,246                   | 196,562,773                                   | 1,936,503,019                                 | 131,899,807                    |
| 1,601,868                   | 330,039,002                     | 18,221,326                                    | 348,260,328                                   | 22,592,936                     |
| 1,494,262                   | 367,755,000                     | 16,309,660                                    | 384,064,660                                   | 21,606,754                     |
| 326,197                     | 15,472,703                      | 436,947                                       | 15,909,650                                    | 936,998                        |
| 6,342,671                   | 342,039,430                     | 1,988,267                                     | 344,027,697                                   | 20,256,455                     |
| 12,642,866                  | 2,795,246,381                   | 233,518,973                                   | 3,028,765,354                                 | 197,292,950                    |
| 142,875                     | 33,857,524                      | 3,728,670                                     | 37,586,194                                    | 1,860,499                      |
| 4,232,957                   | 59,108,625                      | .....   | 59,108,625                                    | 12,110,372                     |
| 4,375,832                   | 92,966,149                      | 3,728,670                                     | 96,694,819                                    | 13,970,871                     |
| 17,018,698                  | 2,888,212,530                   | 237,247,643                                   | 3,125,460,173                                 | 211,263,821                    |

## Summary of Sales and Retirements during 1966

|   |                     |
|---|---------------------|
| Cost of fixed assets retired.....           | \$17,018,698        |
| Deduct                                      |                     |
| Proceeds from sales.....                    | \$3,311,269         |
| Charges to operations.....                  | 239,021             |
| Charges to plant under construction.....    | 138,246             |
| Net charge to accumulated depreciation..... | 3,688,536           |
|   | <u>\$13,330,162</u> |



**ACCUMULATED DEPRECIATION**  
**for the Year Ended December 31, 1966**

|  | POWER SUPPLY FACILITIES  |                        | ADMINISTRATIVE<br>AND SERVICE<br>BUILDINGS AND<br>EQUIPMENT | TOTAL       |
|--|--|------------------------|---|-------------|
|  | Generation,<br>Transformation,<br>Transmission,<br>and<br>Communications | Retail<br>Distribution |   |             |
|  | \$   | \$                     | \$  | \$          |
| Balances at December 31,<br>1965.....  | 326,800,542  | 93,494,824             | 35,588,224  | 455,883,590 |
| Add  |  |                        |   |             |
| Provision in the year in-<br>cluding interest at 3%<br>per annum on accumu-<br>lated depreciation on<br>plant not fully depre-<br>ciated |  |                        |   |             |
| Direct.....  | 33,019,651   | 12,085,660             | .....   | 45,105,311  |
| Indirect.....  | 12,598   | .....                  | 5,599,310   | 5,611,908   |
| Transfers.....   | 1,020,114  | 51,771                 | 1,071,885   | .....       |
| Excess of salvage recov-<br>eries over removal costs<br>on assets retired.....   | 814,312  | 90,443                 | 8,605   | 896,150     |
| Other adjustments.....   | 129,544  | 164,975                | .....   | 294,519     |
|  | 359,756,533  | 105,784,131            | 42,250,814  | 507,791,478 |
| Deduct   |  |                        |   |             |
| Cost of fixed assets retired<br>less proceeds from sales.  | 4,360,291  | 5,507,683              | 3,462,188   | 13,330,162  |
| Balances at December 31,<br>1966.....  | 355,396,242  | 100,276,448            | 38,788,626  | 494,461,316 |

**NOTE**

The balance at December 31, 1965, for administrative and service buildings and equipment includes \$23,356,666 representing the accumulated depreciation on tools and equipment transferred from current assets.

**FREQUENCY STANDARDIZATION ACCOUNT**  
**for the Year Ended December 31, 1966**

|   |                    |
|---|--------------------|
|   | \$                 |
| Balance at December 31, 1965 .....          | 128,051,088        |
| Add interest for year .....                 | 4,772,492          |
|   | <u>132,823,580</u> |
| Deduct                                      |                    |
| Amortization charged to cost of power ..... | 12,983,391         |
| Adjustment (Note) .....                     | 182,288            |
|   | <u>13,165,679</u>  |
| Balance at December 31, 1966 .....          | 119,657,901        |

**NOTE**

In 1959 the Frequency Standardization Account was charged with the estimated cost of completing the standardization of customers' equipment. The standardization has been completed for \$182,288 less than estimated.

## BONDS PAYABLE AS AT DECEMBER 31, 1966

| Date of Maturity  | Callable<br>on or after | Date of Issue | Interest Rate   | Principal<br>Outstanding<br>Dec. 31, 1966 |
|---|-------------------------|---------------|-----------------|---|
| PAYABLE IN CANADIAN FUNDS— <i>Guaranteed as to principal and interest by the Province of Ontario:</i> |                         |               |                 |   |
|   |                         |               | $\frac{6}{8}\%$ | \$  |
| Jan. 15, 1967   | Jan. 15, 1965           | Jan. 15, 1952 | 4               | 33,331,500                                |
| Mar. 15, 1967   | Mar. 15, 1964           | Mar. 15, 1953 | $4\frac{1}{4}$  | 25,608,500                                |
| Apr. 1, 1967  | Apr. 1, 1965            | Apr. 1, 1949  | 3               | 41,164,500                                |
| Apr. 1, 1967  | Apr. 1, 1964            | Apr. 1, 1947  | $2\frac{3}{4}$  | 14,327,000                                |
| Nov. 1, 1967  | Nov. 1, 1964            | Nov. 1, 1952  | $4\frac{1}{4}$  | 14,692,000                                |
| Nov. 1, 1967  | Nov. 1, 1964            | Nov. 1, 1952  | $4\frac{1}{4}$  | 22,238,000                                |
| Jan. 15, 1968   | Jan. 15, 1966           | July 15, 1949 | 3               | 41,721,000                                |
| Apr. 15, 1968   | Apr. 15, 1966           | Apr. 15, 1952 | 4               | 31,646,500                                |
| Oct. 1, 1968  | Oct. 1, 1965            | Oct. 1, 1947  | $2\frac{3}{4}$  | 19,213,000                                |
| July 1, 1969  | .....                   | July 1, 1959  | $5\frac{3}{4}$  | 11,710,500                                |
| July 15, 1969   | July 15, 1966           | July 15, 1953 | $4\frac{1}{4}$  | 26,236,000                                |
| July 15, 1969   | July 15, 1966           | July 15, 1953 | $4\frac{1}{4}$  | 18,526,000                                |
| Nov. 1, 1969  | Nov. 1, 1967            | Nov. 1, 1949  | 3               | 48,518,000                                |
| Jan. 1, 1970  | .....                   | Jan. 1, 1930  | $4\frac{3}{4}$  | 9,289,000                                 |
| Feb. 15, 1970   | .....                   | Feb. 15, 1960 | 6               | 14,724,000                                |
| Apr. 1, 1970  | Apr. 1, 1968            | Apr. 1, 1950  | 3               | 52,546,000                                |
| June 15, 1970   | .....                   | June 15, 1962 | $4\frac{1}{2}$  | 10,415,500                                |
| July 15, 1970   | .....                   | July 15, 1960 | $5\frac{1}{4}$  | 4,862,500                                 |
| Oct. 15, 1970   | Oct. 15, 1969           | Oct. 15, 1958 | $4\frac{1}{2}$  | 4,718,000                                 |
| Feb. 1, 1971  | .....                   | Feb. 1, 1964  | 5               | 15,997,100                                |
| Feb. 15, 1971   | .....                   | Feb. 15, 1961 | $5\frac{1}{4}$  | 5,300,000                                 |
| Mar. 1, 1971  | .....                   | Mar. 1, 1963  | 5               | 13,475,000                                |
| June 1, 1971  | June 1, 1961            | June 1, 1946  | $2\frac{3}{4}$  | 18,034,000                                |
| Nov. 15, 1971   | .....                   | Nov. 15, 1961 | $4\frac{3}{4}$  | 6,841,500                                 |
| June 15, 1973   | June 15, 1971           | June 15, 1950 | 3               | 54,300,000                                |
| July 15, 1974   | July 15, 1972           | July 15, 1956 | 4               | 48,259,000                                |
| Oct. 15, 1974   | Oct. 15, 1972           | Oct. 15, 1956 | $4\frac{1}{2}$  | 26,010,500                                |
| Aug. 15, 1975   | Feb. 15, 1972           | Feb. 15, 1957 | $4\frac{3}{4}$  | 34,907,000                                |
| Jan. 15, 1976   | Jan. 15, 1974           | Jan. 15, 1956 | 4               | 47,954,000                                |
| Nov. 15, 1976   | Nov. 15, 1974           | Nov. 15, 1957 | 5               | 35,576,000                                |
| Mar. 1, 1977  | Mar. 1, 1975            | Mar. 1, 1955  | $3\frac{1}{2}$  | 39,200,000                                |
| Apr. 1, 1977  | Apr. 1, 1974            | Apr. 1, 1957  | 5               | 78,244,000                                |
| Mar. 1, 1978  | Mar. 1, 1976            | Mar. 1, 1958  | $4\frac{1}{2}$  | 35,313,000                                |
| Oct. 15, 1978   | Oct. 15, 1976           | Oct. 15, 1958 | 5               | 48,918,000                                |
| May 15, 1979  | May 15, 1974            | May 15, 1954  | $3\frac{1}{2}$  | 35,000,000                                |
| July 1, 1979  | .....                   | July 1, 1959  | $5\frac{3}{4}$  | 30,450,000                                |
| Oct. 15, 1979   | Oct. 15, 1974           | Oct. 15, 1954 | $3\frac{1}{2}$  | 49,975,000                                |
| Feb. 15, 1980   | Feb. 15, 1978           | Feb. 15, 1960 | 6               | 28,003,000                                |
| July 15, 1980   | July 15, 1978           | July 15, 1960 | $5\frac{1}{2}$  | 39,842,500                                |
| Feb. 15, 1981   | Feb. 15, 1979           | Feb. 15, 1961 | $5\frac{1}{2}$  | 41,901,500                                |
| June 15, 1982   | June 15, 1979           | June 15, 1962 | 5               | 35,436,000                                |
| Mar. 1, 1983  | Mar. 1, 1980            | Mar. 1, 1963  | $5\frac{1}{4}$  | 44,268,000                                |
| June 15, 1983   | June 15, 1979           | June 15, 1963 | 5               | 55,112,800                                |
| Nov. 15, 1983   | Nov. 15, 1980           | Nov. 15, 1961 | $5\frac{1}{4}$  | 42,085,000                                |
| Feb. 1, 1984  | Feb. 1, 1981            | Feb. 1, 1964  | $5\frac{1}{4}$  | 54,608,000                                |
| Oct. 1, 1984  | Oct. 1, 1980            | Oct. 1, 1964  | $5\frac{1}{4}$  | 64,944,000                                |
| Feb. 1, 1985  | Feb. 1, 1981            | Feb. 1, 1965  | $5\frac{1}{4}$  | 75,000,000                                |
| Jan. 4, 1988  | Jan. 4, 1984            | Jan. 4, 1966  | $5\frac{3}{4}$  | 55,000,000                                |
| Apr. 15, 1988   | Apr. 15, 1984           | Apr. 15, 1966 | 6               | 50,000,000                                |
| July 5, 1988  | July 5, 1984            | July 5, 1966  | 6               | 50,000,000                                |
|   |                         |               |                 | 1,705,442,400                             |



## BONDS PAYABLE AS AT DECEMBER 31, 1966—Concluded

| Date of Maturity  | Callable<br>on or after | Date of Issue  | Interest Rate  | Principal<br>Outstanding<br>Dec. 31, 1966 |
|---|-------------------------|----------------|----------------|---|
| PAYABLE IN UNITED STATES FUNDS— <i>Held by Province of Ontario and having terms identical with issues sold in the United States by the Province of Ontario on behalf of the Commission:</i> |                         |                |                |   |
|   |                         |                | $\%$           | \$  |
| May 15, 1971  | May 15, 1956            | May 15, 1951   | $3\frac{1}{4}$ | 47,440,000                                |
| Sept. 1, 1972   | Sept. 1, 1956           | Sept. 1, 1951  | $3\frac{1}{4}$ | 42,366,000                                |
| Feb. 1, 1975  | Feb. 1, 1958            | Feb. 1, 1953   | $3\frac{1}{4}$ | 46,737,000                                |
| Nov. 1, 1978  | Nov. 1, 1958            | Nov. 1, 1953   | $3\frac{5}{8}$ | 48,648,000                                |
| Mar. 15, 1980   | Mar. 15, 1959           | Mar. 15, 1954  | $3\frac{1}{8}$ | 29,920,000                                |
| May 15, 1981  | May 15, 1961            | May 15, 1956   | $3\frac{7}{8}$ | 44,241,000                                |
| Feb. 1, 1984  | Feb. 1, 1969            | Feb. 1, 1959   | $4\frac{3}{4}$ | 73,443,000                                |
| Sept. 15, 1990  | Sept. 15, 1975          | Sept. 15, 1965 | $4\frac{3}{4}$ | 50,000,000                                |
| Apr. 1, 1996  | Apr. 1, 1981            | Apr. 1, 1966   | $5\frac{1}{2}$ | 35,000,000                                |
|   |                         |                |                | 417,795,000                               |
| Exchange Premium (Net) at date of issue.....  |                         |                |                | 5,433,640                                 |
|   |                         |                |                | 423,228,640                               |
| Total bonds payable.....  |                         |                |                | 2,128,671,040                             |

## Summary of Changes in Bonds Payable during the Year Ended December 31, 1966

|  |                 |
|--|-----------------|
| Outstanding at December 31, 1965.....    | \$2,028,270,824 |
| Less redemptions during the year.....    | 92,334,159      |
|  | 1,935,936,665   |
| Add new bond issues during the year..... | 192,734,375     |
| Outstanding at December 31, 1966.....    | \$2,128,671,040 |

## ADVANCES FROM THE PROVINCE OF ONTARIO AS AT DECEMBER 31, 1966

*Annuity bonds repayable to the Province in accordance with the terms of Province of Ontario bonds issued in part for the purposes of the Commission*

| Date of Maturity        | Interest Rate  | Balance of Advances<br>Outstanding<br>December 31, 1966<br>(Payable in Canadian,<br>United States, or<br>Sterling Funds) |
|-------------------------|----------------|--|
|                         | $\%$           | \$   |
| May 15, 1967–1968.....  | 4              | 875,021  |
| May 15, 1967–1970.....  | $4\frac{1}{2}$ | 1,627,479  |
| Jan. 15, 1967–1971..... | $4\frac{1}{2}$ | 1,362,998  |
| June 1, 1967–1971.....  | 4              | 1,868,948  |
| Total advances.....     |                | 5,734,446  |

## Summary of Changes in Advances from the Province of Ontario during the Year Ended December 31, 1966

|   |             |
|---|-------------|
| Balance of advances at December 31, 1965..... | \$7,453,263 |
| Less repayments during year.....              | 1,718,817   |
| Balance of advances at December 31, 1966..... | \$5,734,446 |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY      | PRIMARY POWER AND ENERGY SUPPLIED DURING YEAR<br>(Principal Bases of Cost Allocation) |                | COMMON DEMAND COSTS<br>(Note 1) | TRANSFORMATION AND METERING<br>(Note 2) |          | SPECIAL FACILITIES<br>(Note 3) | FREQUENCY STANDARDIZATION |
|-------------------|---|----------------|---------------------------------|---|----------|--------------------------------|---------------------------|
|                   | Average of Monthly Peak Loads   | Energy         |                                 | Stage I                                 | Stage II |                                |                           |
|                   | kw  | megawatt-hours | \$                              | \$                                      | \$       | \$                             | \$                        |
| Acton.....        | 5,163.6   | 27,795.7       | 122,579                         | 11,826                                  | .....    | 711                            | 15,491                    |
| Ailsa Craig.....  | 441.4   | 2,060.0        | 10,479                          | 991                                     | 1,160    | .....                          | 1,324                     |
| Ajax.....         | 9,399.5   | 53,519.8       | 223,137                         | 21,526                                  | .....    | 1,809                          | .....                     |
| Alexandria.....   | 3,297.2   | 17,531.8       | 78,273                          | 7,404                                   | 8,663    | 347                            | .....                     |
| Alfred.....       | 856.7   | 3,991.2        | 20,337                          | 1,924                                   | 2,251    | .....                          | .....                     |
| Alliston.....     | 3,330.8   | 18,364.5       | 79,070                          | 7,507                                   | 7,085    | 730                            | .....                     |
| Almonte.....*     | 2,375.9   | 12,061.1       | 56,403                          | 5,441                                   | .....    | 2,149                          | .....                     |
| Alvinston.....    | 295.2   | 1,309.5        | 7,007                           | 663                                     | 776      | .....                          | 880                       |
| Amherstburg.....  | 4,109.0   | 25,552.0       | 97,544                          | 9,411                                   | .....    | 1,540                          | 12,321                    |
| Ancaster Twp..... | 2,694.3   | 13,971.2       | 63,961                          | 6,050                                   | 7,079    | .....                          | 8,081                     |
| Apple Hill.....   | 128.7   | 587.6          | 3,055                           | 289                                     | 338      | .....                          | .....                     |
| Arkona.....       | 302.8   | 1,589.3        | 7,188                           | 680                                     | 796      | .....                          | 901                       |
| Arnprior.....     | 6,081.3   | 35,033.9       | 144,366                         | 13,682                                  | 14,365   | 1,746                          | .....                     |
| Arthur.....       | 969.0   | 4,848.0        | 23,003                          | 2,176                                   | 2,546    | 227                            | .....                     |
| Athens.....       | 569.3   | 2,963.1        | 13,516                          | 1,278                                   | 1,496    | .....                          | .....                     |
| Atikokan Twp..... | 4,032.6   | 22,812.8       | 95,730                          | 9,055                                   | 10,596   | 8,640                          | .....                     |
| Aurora.....       | 7,212.6   | 40,876.4       | 171,220                         | 16,517                                  | .....    | 2,510                          | 21,631                    |
| Avonmore.....     | 186.9   | 860.8          | 4,436                           | 420                                     | 491      | .....                          | .....                     |
| Aylmer.....       | 4,709.1   | 24,792.8       | 111,789                         | 10,618                                  | 9,799    | 700                            | 14,121                    |
| Ayr.....          | 916.1   | 4,295.3        | 21,747                          | 2,057                                   | 2,407    | .....                          | 2,741                     |
| Baden.....        | 964.5   | 4,717.0        | 22,897                          | 2,185                                   | 1,425    | 95                             | 2,891                     |
| Bancroft.....*    | 1,455.1   | 6,623.8        | 34,543                          | 3,267                                   | 3,823    | .....                          | .....                     |
| Barrie.....       | 25,363.6  | 143,104.0      | 602,118                         | 58,086                                  | .....    | .....                          | .....                     |
| Barry's Bay.....  | 644.4   | 3,123.0        | 15,297                          | 1,447                                   | 1,693    | .....                          | .....                     |
| Bath.....         | 427.7   | 2,208.2        | 10,155                          | 960                                     | 1,124    | .....                          | .....                     |
| Beachburg.....    | 403.5   | 2,065.8        | 9,578                           | 906                                     | 1,060    | .....                          | .....                     |
| Beachville.....   | 2,474.6   | 16,440.0       | 58,745                          | 5,668                                   | .....    | 253                            | 7,421                     |
| Beamsville.....   | 2,078.8   | 11,288.3       | 49,350                          | 4,761                                   | .....    | 9                              | 6,231                     |
| Beaverton.....    | 1,508.6   | 8,129.8        | 35,812                          | 3,454                                   | .....    | 925                            | .....                     |
| Beeton.....       | 635.6   | 3,210.1        | 15,088                          | 1,427                                   | 1,670    | 449                            | .....                     |
| Belle River.....  | 1,031.9   | 5,786.4        | 24,497                          | 2,317                                   | 2,711    | .....                          | 3,091                     |
| Belleville.....   | 27,205.2  | 157,324.4      | 645,831                         | 62,304                                  | .....    | 2,162                          | .....                     |
| Belmont.....      | 1,138.1   | 5,643.2        | 27,017                          | 2,556                                   | 2,990    | .....                          | 3,411                     |
| Blenheim.....     | 2,038.6   | 10,570.9       | 48,393                          | 4,578                                   | 5,356    | .....                          | 6,111                     |
| Bloomfield.....   | 520.7   | 2,320.4        | 12,361                          | 1,192                                   | .....    | .....                          | .....                     |
| Blyth.....        | 798.5   | 4,252.6        | 18,956                          | 1,793                                   | 2,098    | .....                          | 2,391                     |
| Bobcaygeon.....   | 1,119.6   | 6,364.0        | 26,579                          | 2,514                                   | 2,942    | 417                            | .....                     |
| Bolton.....       | 1,604.2   | 8,909.3        | 38,082                          | 3,602                                   | 4,215    | .....                          | 4,811                     |
| Bothwell.....     | 548.3   | 2,636.3        | 13,016                          | 1,231                                   | 1,441    | .....                          | 1,641                     |
| Bowmanville.....  | 9,592.2   | 52,928.0       | 227,711                         | 21,968                                  | .....    | 1,279                          | .....                     |

\*See note 7, page 136.

## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 20,042              | 76,438  | 207,003                                  | 209,187.06                            | 2,184.06                            | 25.80  | 25.29  | 7.45                                 |
| 2,199               | 5,665   | 17,420                                   | 17,309.95                             | 110.05                              | 26.80  | 26.64  | 8.46                                 |
| 10,217              | 147,180                                       | 383,435                                  | 379,368.45                            | 4,066.55                            | 25.30  | 25.13  | 7.16                                 |
| 8,177               | 48,212  | 134,722                                  | 133,976.26                            | 745.74                              | 26.40  | 26.25  | 7.68                                 |
| 888                 | 10,976  | 34,600                                   | 34,242.09                             | 357.91                              | 27.90  | 27.58  | 8.67                                 |
| 8,373               | 50,502  | 136,521                                  | 136,238.70                            | 282.30                              | 26.10  | 25.84  | 7.43                                 |
| 4,322               | 33,168  | 92,839                                   | 91,306.16                             | 1,532.84                            | 24.90  | 25.11  | 7.70                                 |
| 2,349               | 3,601   | 10,584                                   | 10,521.18                             | 62.82                               | 23.50  | 23.66  | 8.08                                 |
| 16,115              | 70,268  | 174,975                                  | 175,221.10                            | 246.10                              | 25.10  | 25.48  | 6.85                                 |
| 7,483               | 38,421  | 116,111                                  | 115,386.86                            | 724.14                              | 29.00  | 28.84  | 8.31                                 |
| 640                 | 1,616   | 4,658                                    | 4,619.14                              | 38.86                               | 24.20  | 23.65  | 7.93                                 |
| 1,714               | 4,371   | 12,229                                   | 12,182.32                             | 46.68                               | 27.00  | 25.96  | 7.69                                 |
| 13,667              | 96,343  | 256,835                                  | 254,732.65                            | 2,102.35                            | 27.30  | 26.39  | 7.33                                 |
| 3,873               | 13,332  | 37,411                                   | 37,358.30                             | 52.70                               | 25.10  | 24.86  | 7.72                                 |
| 1,979               | 8,149   | 22,460                                   | 22,710.09                             | 250.09                              | 26.00  | 25.14  | 7.58                                 |
| 10,393              | 62,735  | 176,363                                  | 165,083.59                            | 11,279.41                           | 26.00  | 28.18  | 7.73                                 |
| 13,482              | 112,410                                       | 310,813                                  | 311,342.88                            | 529.88                              | 27.90  | 27.51  | 7.60                                 |
| 353                 | 2,367   | 7,361                                    | 7,454.71                              | 93.71                               | 27.10  | 26.73  | 8.55                                 |
| 15,564              | 68,180  | 199,649                                  | 200,464.11                            | 815.11                              | 28.30  | 27.92  | 8.05                                 |
| 3,540               | 11,812  | 37,231                                   | 36,505.27                             | 725.73                              | 27.80  | 27.76  | 8.67                                 |
| 5,118               | 12,972  | 37,350                                   | 37,282.55                             | 67.45                               | 25.30  | 25.28  | 7.92                                 |
| 2,945               | 18,215  | 56,903                                   | 56,526.66                             | 376.34                              | 26.80  | 26.60  | 8.59                                 |
| 58,118              | 393,536                                       | 995,622                                  | 982,579.83                            | 13,042.17                           | 23.60  | 23.74  | 6.96                                 |
| 1,027               | 8,588   | 25,998                                   | 25,466.38                             | 531.62                              | 27.30  | 27.02  | 8.32                                 |
| 1,133               | 6,073   | 17,179                                   | 17,187.28                             | 8.28                                | 26.50  | 25.97  | 7.78                                 |
| 695                 | 5,681   | 16,530                                   | 16,461.74                             | 68.26                               | 27.40  | 26.89  | 8.00                                 |
| 9,645               | 45,210  | 107,655                                  | 108,364.16                            | 709.16                              | 25.30  | 25.23  | 6.55                                 |
| 5,699               | 31,043  | 85,700                                   | 85,551.39                             | 148.61                              | 26.80  | 26.29  | 7.59                                 |
| 4,820               | 22,357  | 57,728                                   | 58,861.83                             | 1,133.83                            | 23.70  | 23.45  | 7.10                                 |
| 2,879               | 8,828   | 24,583                                   | 23,815.46                             | 767.54                              | 24.00  | 24.80  | 7.66                                 |
| 3,420               | 15,913  | 45,114                                   | 43,776.03                             | 1,337.97                            | 28.40  | 28.31  | 7.80                                 |
| 77,859              | 432,642                                       | 1,065,080                                | 1,060,277.15                          | 4,802.85                            | 23.30  | 23.25  | 6.77                                 |
| 842                 | 15,519  | 50,654                                   | 50,498.83                             | 155.17                              | 31.00  | 30.88  | 8.98                                 |
| 8,133               | 29,070  | 85,380                                   | 84,980.31                             | 399.69                              | 27.60  | 27.63  | 8.08                                 |
| 2,056               | 6,381   | 17,878                                   | 17,660.20                             | 217.80                              | 22.20  | 22.08  | 7.70                                 |
| 3,089               | 11,695  | 33,849                                   | 33,818.86                             | 30.14                               | 27.90  | 27.75  | 7.96                                 |
| 2,125               | 17,501  | 47,828                                   | 46,472.38                             | 1,355.62                            | 27.10  | 27.09  | 7.52                                 |
| 4,246               | 24,500  | 70,966                                   | 71,458.39                             | 492.39                              | 29.70  | 28.97  | 7.97                                 |
| 2,536               | 7,250   | 22,047                                   | 21,894.79                             | 152.21                              | 27.20  | 26.99  | 8.36                                 |
| 27,340              | 145,552                                       | 369,170                                  | 372,223.63                            | 3,053.63                            | 23.80  | 23.31  | 6.97                                 |



STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY        | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|---------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                     | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                     | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Bracebridge.....*   | 985.0  | 2,495.2            | 23,384                                | 2,256                                      | .....    | .....                             | .....                             |
| Bradford.....       | 2,261.6  | 12,487.1           | 53,689                                | 5,141                                      | 2,261    | .....                             | .....                             |
| Braeside.....       | 1,930.4  | 9,033.9            | 45,826                                | 4,413                                      | 465      | 288                               | .....                             |
| Brampton.....       | 30,469.1   | 171,568.8          | 723,314                               | 69,642                                     | .....    | .....                             | 91,407                            |
| Brantford.....      | 58,558.9   | 329,203.3          | 1,390,148                             | 134,107                                    | .....    | .....                             | 175,676                           |
| Brantford Twp.....  | 9,065.8  | 51,082.6           | 215,214                               | 20,650                                     | 6,596    | 8,359                             | 27,197                            |
| Brechin.....        | 165.1  | 798.4              | 3,920                                 | 371  | 434      | .....                             | .....                             |
| Bridgeport.....     | 1,324.8  | 7,057.6            | 31,449                                | 2,975                                      | 3,481    | .....                             | 3,974                             |
| Brigden.....        | 292.3  | 1,386.8            | 6,939                                 | 656  | 768      | .....                             | 877                               |
| Brighton.....       | 2,039.6  | 11,187.2           | 48,418                                | 4,671                                      | .....    | .....                             | .....                             |
| Brockville.....     | 20,407.2   | 117,080.5          | 484,452                               | 46,735                                     | .....    | .....                             | .....                             |
| Brussels.....       | 708.0  | 3,424.0            | 16,808                                | 1,590                                      | 1,860    | .....                             | 2,124                             |
| Burford.....        | 910.8  | 4,466.2            | 21,622                                | 2,045                                      | 2,393    | .....                             | 2,732                             |
| Burgessville.....   | 249.8  | 1,014.0            | 5,930                                 | 561  | 656      | 238                               | 749                               |
| Burk's Falls.....   | 840.2  | 4,806.0            | 19,947                                | 1,887                                      | 2,208    | 513                               | .....                             |
| Burlington.....     | 49,009.7   | 276,354.7          | 1,163,454                             | 111,782                                    | 26,849   | 61,113                            | 147,029                           |
| Cache Bay.....      | 185.1  | 860.7              | 4,395                                 | 416  | 486      | .....                             | .....                             |
| Caledonia.....      | 1,329.5  | 7,313.6            | 31,560                                | 2,985                                      | 3,493    | .....                             | 3,989                             |
| Campbellford.....*  | 1,763.8  | 5,512.1            | 41,871                                | 4,040                                      | .....    | 26                                | .....                             |
| Campbellville.....  | 177.8  | 870.8              | 4,221                                 | 399  | 467      | .....                             | 533                               |
| Cannington.....     | 809.5  | 4,373.6            | 19,216                                | 1,854                                      | .....    | .....                             | .....                             |
| Capreol.....        | 2,203.3  | 12,103.9           | 52,304                                | 5,045                                      | .....    | 153                               | .....                             |
| Cardinal.....       | 955.8  | 4,917.7            | 22,690                                | 2,146                                      | 2,511    | .....                             | .....                             |
| Carleton Place..... | 3,619.6  | 20,421.1           | 85,927                                | 8,143                                      | 8,656    | 191                               | .....                             |
| Casselman.....      | 912.9  | 4,043.7            | 21,672                                | 2,050                                      | 2,399    | .....                             | .....                             |
| Cayuga.....         | 622.6  | 3,349.2            | 14,780                                | 1,398                                      | 1,636    | 67                                | 1,868                             |
| Chalk River.....    | 574.1  | 3,119.4            | 13,629                                | 1,289                                      | 1,508    | .....                             | .....                             |
| Chapleau.....       | 1,448.6  | 7,484.0            | 34,389                                | 3,253                                      | 3,806    | .....                             | .....                             |
| Chatham.....        | 29,559.6   | 161,051.2          | 701,721                               | 67,695                                     | .....    | .....                             | 88,679                            |
| Chatsworth.....     | 299.0  | 1,512.8            | 7,098                                 | 671  | 786      | .....                             | .....                             |
| Chesley.....        | 1,423.1  | 6,878.4            | 33,785                                | 3,195                                      | 3,739    | 141                               | .....                             |
| Chesterville.....   | 1,675.0  | 7,848.7            | 39,762                                | 3,761                                      | 4,401    | .....                             | .....                             |
| Chippawa.....       | 1,692.8  | 8,814.9            | 40,186                                | 3,801                                      | 4,448    | .....                             | 5,078                             |
| Clifford.....       | 418.9  | 2,225.0            | 9,945                                 | 941  | 1,101    | .....                             | 1,257                             |
| Clinton.....        | 2,664.1  | 14,045.5           | 63,242                                | 6,101                                      | .....    | 479                               | 7,992                             |
| Cobden.....         | 740.9  | 3,696.0            | 17,587                                | 1,664                                      | 1,947    | .....                             | .....                             |
| Cobourg.....        | 13,484.8   | 77,153.6           | 320,120                               | 30,882                                     | .....    | 4,292                             | .....                             |
| Cochrane.....       | 3,781.9  | 20,139.3           | 89,779                                | 169  | .....    | .....                             | .....                             |
| Colborne.....       | 1,181.9  | 6,376.8            | 28,057                                | 2,654                                      | 3,105    | .....                             | .....                             |
| Coldwater.....      | 696.3  | 3,467.5            | 16,529                                | 1,571                                      | 1,401    | 207                               | .....                             |

\*See note 7, page 136.

## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 357                 | 6,862   | 32,145                                   | 30,495.06                             | 1,649.94                            | 25.90  | 25.67  | 12.88                                |
| 6,461               | 34,339  | 88,969                                   | 92,037.37                             | 3,068.37                            | 26.00  | 24.17  | 7.12                                 |
| 2,487               | 24,843  | 73,348                                   | 72,426.08                             | 921.92                              | 25.00  | 25.13  | 8.12                                 |
| 49,949              | 471,814                                       | 1,306,228                                | 1,295,687.23                          | 10,540.77                           | 27.60  | 27.39  | 7.61                                 |
| 224,765             | 905,309                                       | 2,380,475                                | 2,371,523.13                          | 8,951.87                            | 25.20  | 25.19  | 7.23                                 |
| 15,812              | 140,477                                       | 402,681                                  | 401,439.71                            | 1,241.29                            | 29.30  | 28.93  | 7.88                                 |
| 896                 | 2,196   | 6,025                                    | 6,031.04                              | 6.04                                | 23.60  | 23.19  | 7.55                                 |
| 3,120               | 19,408  | 58,167                                   | 57,251.18                             | 915.82                              | 29.10  | 29.26  | 8.24                                 |
| 1,822               | 3,814   | 11,232                                   | 11,093.51                             | 138.49                              | 25.40  | 25.39  | 8.10                                 |
| 5,652               | 30,765  | 78,202                                   | 77,142.26                             | 1,059.74                            | 23.50  | 23.26  | 6.99                                 |
| 59,786              | 321,971                                       | 793,372                                  | 787,852.36                            | 5,519.64                            | 23.20  | 23.10  | 6.78                                 |
| 3,450               | 9,416   | 28,348                                   | 28,246.38                             | 101.62                              | 26.80  | 26.75  | 8.28                                 |
| 3,550               | 12,282  | 37,524                                   | 37,416.95                             | 107.05                              | 28.00  | 27.72  | 8.40                                 |
| 1,072               | 2,789   | 9,851                                    | 9,463.85                              | 387.15                              | 27.20  | 28.28  | 9.71                                 |
| 1,566               | 13,217  | 36,206                                   | 35,152.61                             | 1,053.39                            | 26.90  | 27.37  | 7.53                                 |
| 61,734              | 759,975                                       | 2,208,468                                | 2,168,537.94                          | 39,930.06                           | 29.30  | 29.57  | 7.99                                 |
| 1,174               | 2,367   | 6,490                                    | 6,689.36                              | 199.36                              | 23.50  | 22.28  | 7.54                                 |
| 5,193               | 20,112  | 56,946                                   | 56,860.35                             | 85.65                               | 27.80  | 27.71  | 7.79                                 |
| 991                 | 15,158  | 60,104                                   | 59,135.16                             | 968.84                              | 25.60  | 25.48  | 10.90                                |
| 800                 | 2,395   | 7,215                                    | 7,126.71                              | 88.29                               | 26.90  | 27.12  | 8.29                                 |
| 3,232               | 12,027  | 29,865                                   | 29,552.92                             | 312.08                              | 22.40  | 22.04  | 6.83                                 |
| 5,186               | 33,286  | 85,602                                   | 85,444.33                             | 157.67                              | 24.00  | 23.75  | 7.07                                 |
| 3,648               | 13,524  | 37,223                                   | 37,412.30                             | 189.30                              | 25.20  | 24.80  | 7.57                                 |
| 19,509              | 56,158  | 139,566                                  | 135,949.93                            | 3,616.07                            | 22.50  | 23.04  | 6.83                                 |
| 1,546               | 11,120  | 35,695                                   | 35,938.37                             | 243.37                              | 27.40  | 26.93  | 8.83                                 |
| 2,479               | 9,210   | 26,480                                   | 26,237.75                             | 242.25                              | 27.90  | 27.75  | 7.91                                 |
| 996                 | 8,578   | 24,008                                   | 23,895.29                             | 112.71                              | 26.90  | 26.89  | 7.70                                 |
| 1,191               | 20,581  | 60,838                                   | 60,634.16                             | 203.84                              | 28.50  | 27.80  | 8.13                                 |
| 94,237              | 442,891                                       | 1,206,749                                | 1,192,608.48                          | 14,140.52                           | 25.70  | 25.84  | 7.49                                 |
| 1,313               | 4,160   | 11,402                                   | 11,591.33                             | 189.33                              | 24.90  | 24.23  | 7.54                                 |
| 7,488               | 18,916  | 52,288                                   | 52,479.50                             | 191.50                              | 23.80  | 23.46  | 7.60                                 |
| 5,930               | 21,584  | 63,578                                   | 63,794.24                             | 216.24                              | 25.40  | 25.08  | 8.10                                 |
| 4,768               | 24,241  | 72,986                                   | 72,797.78                             | 188.22                              | 29.20  | 28.80  | 8.28                                 |
| 1,994               | 6,119   | 17,369                                   | 17,210.75                             | 158.25                              | 26.90  | 26.86  | 7.81                                 |
| 10,847              | 38,625  | 105,592                                  | 105,418.35                            | 173.65                              | 25.30  | 25.14  | 7.52                                 |
| 1,931               | 10,164  | 29,431                                   | 29,287.29                             | 143.71                              | 26.40  | 26.01  | 7.96                                 |
| 32,258              | 212,172                                       | 535,208                                  | 527,343.65                            | 7,864.35                            | 24.00  | 23.96  | 6.94                                 |
| 4,581               | 55,383  | 140,750                                  | 139,713.48                            | 1,036.52                            | 22.60  | 22.57  | 6.99                                 |
| 3,259               | 17,536  | 48,093                                   | 47,520.99                             | 572.01                              | 25.90  | 25.86  | 7.54                                 |
| 2,755               | 9,536   | 26,489                                   | 25,192.59                             | 1,296.41                            | 23.70  | 24.34  | 7.64                                 |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY       | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|--------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                    | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                    | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Collingwood.....   | 7,874.2  | 44,558.7           | 186,927                               | 17,854                                     | 10,502   | .....                             | .....                             |
| Comber.....        | 374.2  | 1,795.2            | 8,882                                 | 840  | 983      | .....                             | 1,12                              |
| Coniston.....      | 1,255.3  | 6,838.4            | 29,801                                | 2,875                                      | .....    | 66                                | .....                             |
| Cookstown.....     | 474.4  | 2,358.8            | 11,262                                | 1,065                                      | 1,246    | .....                             | .....                             |
| Cottam.....        | 294.9  | 1,515.2            | 6,999                                 | 662  | 775      | .....                             | 88                                |
| Courtright.....    | 246.8  | 1,267.6            | 5,858                                 | 554  | 648      | .....                             | 74                                |
| Creemore.....      | 645.7  | 3,112.8            | 15,327                                | 1,450                                      | 1,697    | .....                             | .....                             |
| Dashwood.....      | 394.1  | 1,703.4            | 9,354                                 | 885  | 1,035    | .....                             | 1,18                              |
| Deep River.....    | 4,417.1  | 25,316.4           | 104,859                               | 9,918                                      | 11,606   | .....                             | .....                             |
| Delaware.....      | 269.8  | 1,282.0            | 6,404                                 | 606  | 709      | .....                             | 80                                |
| Delhi.....         | 2,884.9  | 15,118.1           | 68,485                                | 6,607                                      | .....    | .....                             | 8,65                              |
| Deseronto.....     | 1,226.6  | 6,477.6            | 29,119                                | 2,754                                      | 3,223    | 660                               | .....                             |
| Dorchester.....    | 542.6  | 2,688.0            | 12,881                                | 1,218                                      | 1,426    | .....                             | 1,62                              |
| Drayton.....       | 487.8  | 2,314.7            | 11,581                                | 1,095                                      | 1,282    | .....                             | 1,46                              |
| Dresden.....       | 1,952.9  | 10,645.9           | 46,360                                | 4,426                                      | 2,698    | 2,059                             | 5,85                              |
| Drumbo.....        | 267.9  | 1,259.3            | 6,360                                 | 602  | 704      | 55                                | 80                                |
| Dryden.....        | 4,426.1  | 25,541.8           | 105,071                               | 9,939                                      | 11,629   | 2,337                             | .....                             |
| Dublin.....        | 310.4  | 1,419.0            | 7,368                                 | 697  | 816      | .....                             | 9                                 |
| Dundalk.....       | 921.3  | 4,081.8            | 21,872                                | 2,069                                      | 2,421    | 71                                | .....                             |
| Dundas.....        | 11,781.9   | 62,777.5           | 279,693                               | 26,982                                     | .....    | 4,574                             | 35,3                              |
| Dunnville.....     | 4,212.8  | 24,153.8           | 100,009                               | 9,648                                      | .....    | 1,167                             | 12,6                              |
| Durham.....        | 2,163.1  | 10,562.4           | 51,349                                | 4,857                                      | 5,683    | .....                             | .....                             |
| Dutton.....        | 459.9  | 2,379.1            | 10,917                                | 1,033                                      | 1,208    | .....                             | 1,3                               |
| East York Twp..... | 41,663.9   | 242,071.6          | 989,071                               | 95,416                                     | .....    | 15,336                            | 124,9                             |
| Eganville.....*    | 769.6  | 3,478.7            | 18,270                                | 1,728                                      | 2,022    | .....                             | .....                             |
| Elmira.....        | 5,853.6  | 30,293.2           | 138,960                               | 13,406                                     | .....    | 883                               | 17,5                              |
| Elmvale.....       | 844.6  | 4,585.6            | 20,050                                | 1,897                                      | 2,219    | .....                             | .....                             |
| Elmwood.....       | 219.7  | 911.4              | 5,215                                 | 493  | 577      | .....                             | .....                             |
| Elora.....         | 1,017.0  | 5,287.4            | 24,144                                | 2,284                                      | 2,672    | .....                             | 3,0                               |
| Embro.....         | 473.2  | 2,465.6            | 11,232                                | 1,063                                      | 1,243    | .....                             | 1,4                               |
| Embrun.....        | 937.1  | 4,279.2            | 22,246                                | 2,104                                      | 2,462    | .....                             | .....                             |
| Erieau.....        | 504.8  | 2,691.2            | 11,985                                | 1,133                                      | 1,326    | .....                             | 1,5                               |
| Erie Beach.....    | 90.4   | 384.0              | 2,146                                 | 203  | 238      | .....                             | 2                                 |
| Erin.....          | 840.9  | 4,465.2            | 19,961                                | 1,888                                      | 2,209    | .....                             | .....                             |
| Espanola.....      | 3,132.2  | 17,751.5           | 74,356                                | 7,173                                      | .....    | 889                               | .....                             |
| Essex.....         | 2,248.0  | 12,955.1           | 53,366                                | 5,148                                      | .....    | .....                             | 6,7                               |
| Etobicoke Twp..... | 190,654.6  | 1,157,484.5        | 4,526,003                             | 436,312                                    | 12,123   | 108,129                           | 571,9                             |
| Exeter.....        | 2,684.7  | 14,690.4           | 63,733                                | 6,028                                      | 7,054    | 209                               | 8,0                               |
| Fergus.....        | 5,178.4  | 25,643.3           | 122,931                               | 11,859                                     | .....    | 874                               | 15,5                              |
| Finch.....         | 325.8  | 1,438.4            | 7,733                                 | 732  | 856      | .....                             | .....                             |

\*See note 7, page 136.



## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 29,678              | 122,536                                       | 308,141                                  | 304,337.49                            | 3,803.51                            | 23.70  | 23.57  | 6.92                                 |
| 2,519               | 4,937   | 14,246                                   | 14,129.77                             | 116.23                              | 25.10  | 24.89  | 7.94                                 |
| 1,390               | 18,806  | 50,158                                   | 49,840.37                             | 317.63                              | 25.20  | 24.97  | 7.33                                 |
| 1,583               | 6,487   | 18,477                                   | 18,272.82                             | 204.18                              | 25.60  | 25.28  | 7.83                                 |
| 1,344               | 4,167   | 12,144                                   | 12,514.71                             | 370.71                              | 27.60  | 27.06  | 8.01                                 |
| 1,140               | 3,486   | 10,146                                   | 10,084.17                             | 61.83                               | 27.50  | 27.00  | 8.00                                 |
| 2,494               | 8,560   | 24,540                                   | 24,408.84                             | 131.16                              | 25.10  | 24.76  | 7.88                                 |
| 1,759               | 4,684   | 15,381                                   | 15,245.20                             | 135.80                              | 27.20  | 27.16  | 9.03                                 |
| 4,862               | 69,620  | 191,141                                  | 188,295.69                            | 2,845.31                            | 27.40  | 27.52  | 7.55                                 |
| 1,059               | 3,526   | 10,995                                   | 10,937.17                             | 57.83                               | 27.90  | 27.69  | 8.58                                 |
| 7,637               | 41,575  | 117,685                                  | 117,078.96                            | 606.04                              | 26.50  | 26.38  | 7.78                                 |
| 3,964               | 17,813  | 49,605                                   | 48,914.57                             | 690.43                              | 25.50  | 25.93  | 7.66                                 |
| 1,870               | 7,392   | 22,675                                   | 22,571.20                             | 103.80                              | 28.30  | 28.17  | 8.44                                 |
| 2,445               | 6,365   | 19,341                                   | 19,161.18                             | 179.82                              | 26.90  | 26.61  | 8.36                                 |
| 7,374               | 29,276  | 83,304                                   | 84,427.82                             | 1,123.82                            | 28.50  | 27.66  | 7.83                                 |
| 1,436               | 3,463   | 10,552                                   | 10,488.76                             | 63.24                               | 26.60  | 26.47  | 8.38                                 |
| 7,375               | 70,240  | 191,841                                  | 189,918.95                            | 1,922.05                            | 27.30  | 27.48  | 7.51                                 |
| 1,197               | 3,902   | 12,517                                   | 12,763.33                             | 246.33                              | 28.50  | 27.76  | 8.82                                 |
| 3,108               | 11,225  | 34,550                                   | 34,477.06                             | 72.94                               | 25.10  | 25.33  | 8.46                                 |
| 33,089              | 172,638                                       | 486,144                                  | 481,842.25                            | 4,301.75                            | 26.60  | 26.61  | 7.74                                 |
| 17,762              | 66,423  | 172,123                                  | 173,386.55                            | 1,263.55                            | 25.40  | 25.09  | 7.13                                 |
| 7,114               | 29,047  | 83,822                                   | 84,222.28                             | 400.28                              | 25.70  | 25.33  | 7.94                                 |
| 3,241               | 6,543   | 17,840                                   | 17,957.92                             | 117.92                              | 24.80  | 24.57  | 7.50                                 |
| 135,525             | 665,698                                       | 1,754,987                                | 1,756,633.61                          | 1,646.61                            | 26.40  | 26.15  | 7.25                                 |
| 1,098               | 9,567   | 30,489                                   | 30,098.35                             | 390.65                              | 27.50  | 27.19  | 8.76                                 |
| 18,055              | 83,306  | 236,061                                  | 234,053.51                            | 2,007.49                            | 26.30  | 26.10  | 7.79                                 |
| 2,993               | 12,610  | 33,783                                   | 33,854.20                             | 71.20                               | 25.40  | 25.08  | 7.37                                 |
| 1,098               | 2,506   | 7,693                                    | 7,719.24                              | 26.24                               | 24.20  | 23.62  | 8.44                                 |
| 6,124               | 14,540  | 40,567                                   | 39,837.37                             | 729.63                              | 25.50  | 25.60  | 7.67                                 |
| 2,148               | 6,780   | 19,590                                   | 19,501.41                             | 88.59                               | 27.30  | 27.08  | 7.95                                 |
| 852                 | 11,768  | 37,728                                   | 37,208.03                             | 519.97                              | 27.90  | 27.71  | 8.82                                 |
| 2,218               | 7,401   | 21,141                                   | 21,384.78                             | 243.78                              | 27.70  | 27.23  | 7.86                                 |
| 390                 | 1,056   | 3,524                                    | 3,469.26                              | 54.74                               | 26.90  | 27.31  | 9.18                                 |
| 1,405               | 12,279  | 34,932                                   | 34,628.13                             | 303.87                              | 27.00  | 26.95  | 7.82                                 |
| 2,259               | 48,817  | 128,976                                  | 126,506.60                            | 2,469.40                            | 25.30  | 25.59  | 7.27                                 |
| 8,426               | 35,627  | 92,459                                   | 91,928.25                             | 530.75                              | 25.80  | 25.28  | 7.14                                 |
| 285,688             | 3,183,082                                     | 8,551,924                                | 8,430,545.15                          | 121,378.85                          | 27.90  | 28.16  | 7.39                                 |
| 10,973              | 40,399  | 114,504                                  | 114,330.35                            | 173.65                              | 27.80  | 27.61  | 7.79                                 |
| 17,479              | 70,519  | 204,239                                  | 194,852.45                            | 9,386.55                            | 25.80  | 25.82  | 7.96                                 |
| 1,377               | 3,956   | 11,900                                   | 11,899.99                             | .01                                 | 24.60  | 24.39  | 8.27                                 |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY          | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|-----------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                       | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                       | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Flesherton.....       | 470.9  | 2,159.0            | 11,179                                | 1,057                                      | 1,237    | 40                                |                                   |
| Fonthill.....         | 1,487.1  | 7,724.5            | 35,303                                | 3,339                                      | 3,907    |                                   | 4,461                             |
| Forest.....           | 1,680.7  | 9,660.0            | 39,898                                | 3,774                                      | 4,416    | 79                                | 5,042                             |
| Forest Hill.....      | 18,191.5   | 101,659.0          | 431,853                               | 41,661                                     |          | 2,771                             | 54,575                            |
| Fort William.....     | 40,525.8   | 248,843.3          | 906,849                               | 92,809                                     |          |                                   |                                   |
| Frankford.....        | 1,092.1  | 5,851.9            | 25,926                                | 2,452                                      | 2,869    |                                   |                                   |
| Galt.....             | 33,668.3   | 189,370.6          | 799,261                               | 77,098                                     |          |                                   | 101,005                           |
| Georgetown.....       | 9,896.4  | 56,804.2           | 234,934                               | 22,664                                     |          | 1,739                             | 29,689                            |
| Glencoe.....          | 806.8  | 4,045.6            | 19,153                                | 1,812                                      | 2,120    | 41                                | 2,420                             |
| Gloucester Twp.....   | 16,820.1   | 100,296.9          | 399,295                               | 37,769                                     | 44,194   |                                   |                                   |
| Goderich.....         | 7,650.5  | 39,842.6           | 181,618                               | 17,521                                     |          | 945                               | 22,952                            |
| Grand Bend.....       | 904.4  | 4,586.0            | 21,470                                | 2,031                                      | 2,376    | 110                               | 2,713                             |
| Grand Valley.....     | 627.1  | 2,837.4            | 14,887                                | 1,408                                      | 1,648    |                                   |                                   |
| Granton.....          | 163.6  | 734.6              | 3,885                                 | 367  | 430      |                                   | 491                               |
| Gravenhurst.....      | 2,794.9  | 15,196.8           | 66,349                                | 6,276                                      | 7,344    | 86                                |                                   |
| Grimsby.....          | 3,904.7  | 21,377.3           | 92,696                                | 8,768                                      | 10,260   | 380                               | 11,714                            |
| Guelph.....           | 53,261.8   | 312,574.0          | 1,264,395                             | 115,242                                    | 5,010    | 86                                | 159,785                           |
| Hagersville.....      | 1,812.4  | 8,254.8            | 43,026                                | 4,070                                      | 4,762    | 1,033                             | 5,437                             |
| Hamilton.....         | 503,250.1  | 3,424,790.0        | 11,946,785                            | 1,152,507                                  |          |                                   | 1,345,941                         |
| Hanover.....          | 6,337.1  | 28,568.8           | 150,438                               | 14,392                                     | 7,123    | 611                               |                                   |
| Harriston.....        | 1,669.2  | 9,276.6            | 39,625                                | 3,823                                      |          | 319                               | 5,008                             |
| Harrow.....           | 1,750.6  | 9,980.8            | 41,558                                | 3,932                                      | 4,564    |                                   | 5,252                             |
| Hastings.....         | 662.6  | 3,633.6            | 15,730                                | 1,488                                      | 1,741    |                                   |                                   |
| Havelock.....         | 682.7  | 3,660.0            | 16,206                                | 1,533                                      | 1,794    |                                   |                                   |
| Hawkesbury.....       | 5,455.4  | 28,922.4           | 129,508                               | 12,494                                     |          |                                   |                                   |
| Hearst.....           | 2,650.2  | 12,509.1           | 62,915                                | 6,069                                      |          | 1,411                             |                                   |
| Hensall.....          | 1,009.4  | 5,024.8            | 23,962                                | 2,267                                      | 2,652    | 127                               | 3,028                             |
| Hespeler.....         | 7,370.1  | 37,797.1           | 174,961                               | 16,878                                     |          | 520                               | 22,110                            |
| Highgate.....         | 185.3  | 807.4              | 4,400                                 | 416  | 487      |                                   | 556                               |
| Holstein.....         | 132.8  | 613.4              | 3,151                                 | 298  | 349      |                                   |                                   |
| Huntsville.....       | 3,110.5  | 17,146.2           | 73,841                                | 7,123                                      |          |                                   |                                   |
| Ingersoll.....        | 6,862.0  | 37,191.3           | 162,898                               | 15,715                                     |          | 3,263                             | 20,586                            |
| Iroquois.....         | 972.3  | 5,127.6            | 23,082                                | 2,183                                      | 2,555    |                                   |                                   |
| Jarvis.....           | 447.6  | 2,061.2            | 10,625                                | 1,005                                      | 1,176    |                                   | 1,341                             |
| Kapuskasing.....      | 4,875.2  | 23,845.1           | 115,734                               | 11,165                                     |          | 813                               |                                   |
| Kemptville.....       | 2,246.2  | 11,539.3           | 53,323                                | 5,044                                      | 5,902    | 395                               |                                   |
| Killaloe Station..... | 421.8  | 2,106.6            | 10,013                                | 947  | 1,108    |                                   |                                   |
| Kincardine.....       | 2,641.8  | 14,120.7           | 62,714                                | 5,994                                      | 3,311    | 2,530                             |                                   |
| King City.....        | 1,265.6  | 6,960.9            | 30,043                                | 2,842                                      | 3,325    |                                   | 3,791                             |
| Kingston.....         | 70,594.7   | 422,123.5          | 1,675,865                             | 116,715                                    |          |                                   |                                   |

## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 1,565               | 5,937   | 17,885                                   | 17,930.73                             | 45.73                               | 25.70  | 25.38  | 8.28                                 |
| 3,942               | 21,242  | 64,310                                   | 63,735.63                             | 574.37                              | 29.00  | 28.97  | 8.33                                 |
| 8,405               | 26,565  | 71,369                                   | 70,736.36                             | 632.64                              | 26.80  | 26.67  | 7.39                                 |
| 63,356              | 279,562                                       | 747,066                                  | 745,111.11                            | 1,954.89                            | 26.00  | 25.70  | 7.35                                 |
| 175,275             | 684,319                                       | 1,508,702                                | 1,510,415.99                          | 1,713.99                            | 20.80  | 20.34  | 6.06                                 |
| 1,764               | 16,093  | 45,576                                   | 45,042.53                             | 533.47                              | 27.10  | 27.00  | 7.79                                 |
| 119,561             | 520,769                                       | 1,378,572                                | 1,368,441.67                          | 10,130.33                           | 25.50  | 25.48  | 7.28                                 |
| 29,204              | 156,212                                       | 416,034                                  | 416,824.65                            | 790.65                              | 26.70  | 26.26  | 7.32                                 |
| 3,952               | 11,125  | 32,719                                   | 32,653.87                             | 65.13                               | 27.10  | 26.77  | 8.09                                 |
| 16,457              | 275,816                                       | 740,617                                  | 722,982.51                            | 17,634.49                           | 27.30  | 27.64  | 7.38                                 |
| 28,043              | 109,567                                       | 304,560                                  | 304,879.14                            | 319.14                              | 25.70  | 25.48  | 7.64                                 |
| 2,835               | 12,612  | 38,477                                   | 38,377.30                             | 99.70                               | 28.70  | 28.61  | 8.39                                 |
| 2,755               | 7,803   | 22,991                                   | 22,400.63                             | 590.37                              | 23.90  | 24.23  | 8.10                                 |
| 1,078               | 2,020   | 6,115                                    | 5,793.52                              | 321.48                              | 23.70  | 25.03  | 8.32                                 |
| 11,448              | 41,791  | 110,398                                  | 109,548.48                            | 849.52                              | 24.70  | 24.55  | 7.26                                 |
| 8,850               | 58,788  | 173,756                                  | 173,823.37                            | 67.37                               | 29.80  | 29.45  | 8.13                                 |
| 151,267             | 859,578                                       | 2,252,829                                | 2,175,771.05                          | 77,057.95                           | 25.70  | 26.15  | 7.21                                 |
| 12,366              | 22,701  | 68,663                                   | 68,094.00                             | 569.00                              | 25.20  | 25.37  | 8.32                                 |
| 1,494,752           | 9,418,173                                     | 22,368,654                               | 22,039,147.56                         | 329,506.44                          | 25.50  | 25.73  | 6.53                                 |
| 18,183              | 78,564  | 232,945                                  | 228,628.78                            | 4,316.22                            | 24.30  | 24.37  | 8.15                                 |
| 7,249               | 25,511  | 67,037                                   | 67,259.77                             | 222.77                              | 25.20  | 24.88  | 7.23                                 |
| 7,486               | 27,447  | 75,267                                   | 75,207.49                             | 59.51                               | 27.80  | 27.32  | 7.54                                 |
| 1,846               | 9,992   | 27,105                                   | 27,202.24                             | 97.24                               | 26.10  | 25.83  | 7.46                                 |
| 3,052               | 10,065  | 26,546                                   | 26,616.00                             | 70.00                               | 24.80  | 24.15  | 7.25                                 |
| 5,799               | 79,537  | 215,740                                  | 214,316.71                            | 1,423.29                            | 25.00  | 24.97  | 7.46                                 |
| 4,138               | 34,400  | 100,657                                  | 94,401.53                             | 6,255.47                            | 23.80  | 25.00  | 8.05                                 |
| 4,046               | 13,818  | 41,808                                   | 41,830.58                             | 22.58                               | 27.90  | 27.74  | 8.32                                 |
| 29,379              | 103,942                                       | 289,032                                  | 288,108.84                            | 923.16                              | 25.20  | 25.11  | 7.65                                 |
| 1,542               | 2,220   | 6,537                                    | 7,002.26                              | 465.26                              | 25.20  | 23.30  | 8.10                                 |
| 583                 | 1,687   | 4,902                                    | 4,896.55                              | 5.45                                | 25.00  | 24.23  | 7.99                                 |
| 14,812              | 47,152  | 113,304                                  | 113,548.05                            | 244.05                              | 21.70  | 21.27  | 6.61                                 |
| 34,433              | 102,276                                       | 270,305                                  | 267,528.91                            | 2,776.09                            | 24.20  | 24.49  | 7.27                                 |
| 2,646               | 14,101  | 39,275                                   | 39,213.25                             | 61.75                               | 26.10  | 25.90  | 7.66                                 |
| 2,859               | 5,668   | 16,958                                   | 17,296.40                             | 338.40                              | 25.90  | 25.23  | 8.23                                 |
| 6,907               | 65,574  | 186,384                                  | 183,291.70                            | 3,092.30                            | 24.50  | 24.78  | 7.82                                 |
| 7,113               | 31,733  | 89,284                                   | 88,898.76                             | 385.24                              | 25.90  | 25.63  | 7.74                                 |
| 661                 | 5,793   | 17,200                                   | 17,127.37                             | 72.63                               | 27.60  | 27.05  | 8.16                                 |
| 12,173              | 38,832  | 101,208                                  | 100,539.02                            | 668.98                              | 23.60  | 23.61  | 7.17                                 |
| 1,451               | 19,142  | 57,698                                   | 57,123.74                             | 574.26                              | 30.70  | 30.47  | 8.29                                 |
| 130,561             | 1,160,840                                     | 2,822,859                                | 2,851,162.28                          | 28,303.28                           | 23.60  | 23.54  | 6.69                                 |



STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY       | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|--------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                    | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                    | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Kingsville.....    | 2,335.0  | 12,725.5           | 55,431                                | 5,255                                      | 5,405    | 1,867                             | 7,005                             |
| Kirkfield.....     | 132.0  | 581.2              | 3,134                                 | 296  | 347      |                                   |                                   |
| Kitchener.....     | 100,144.5  | 553,869.2          | 2,377,357                             | 4,475                                      |          |                                   | 300,434                           |
| Lakefield.....     | 1,844.1  | 10,168.8           | 43,777                                | 4,141                                      | 4,845    |                                   |                                   |
| Lambeth.....       | 1,434.9  | 7,268.3            | 34,064                                | 3,222                                      | 3,770    | 31                                | 4,305                             |
| Lanark.....        | 456.2  | 2,264.0            | 10,829                                | 1,024                                      | 1,199    |                                   |                                   |
| Lancaster.....     | 371.9  | 1,946.4            | 8,829                                 | 835  | 977      |                                   |                                   |
| Larder Lake.....   | 846.7  | 4,662.4            | 20,100                                | 1,901                                      | 2,225    | 555                               |                                   |
| Latchford.....     | 204.4  | 1,043.3            | 4,853                                 | 459  | 537      |                                   |                                   |
| Leamington.....    | 8,438.4  | 48,663.5           | 200,322                               | 19,212                                     | 6,671    | 409                               | 25,315                            |
| Lindsay.....       | 13,665.2   | 80,383.8           | 324,402                               | 31,295                                     |          | 564                               |                                   |
| Listowel.....      | 4,582.3  | 24,142.0           | 108,780                               | 10,494                                     |          | 211                               | 13,747                            |
| London.....        | 157,490.0  | 928,135.9          | 3,738,694                             | 360,364                                    |          |                                   | 472,469                           |
| Long Branch.....   | 8,142.2  | 44,833.9           | 193,290                               | 18,514                                     | 7,830    | 1,823                             | 24,427                            |
| L'Original.....    | 708.0  | 3,754.6            | 16,808                                | 1,590                                      | 1,860    |                                   |                                   |
| Lucan.....         | 716.5  | 3,619.6            | 17,009                                | 1,609                                      | 1,883    |                                   | 2,150                             |
| Lucknow.....       | 1,029.7  | 4,969.6            | 24,444                                | 2,312                                      | 2,706    | 60                                |                                   |
| Lynden.....        | 442.4  | 2,237.7            | 10,503                                | 993  | 1,162    |                                   | 1,327                             |
| Madoc.....         | 1,149.0  | 6,021.6            | 27,276                                | 2,580                                      | 3,019    |                                   |                                   |
| Magnetawan.....    | 130.9  | 625.4              | 3,107                                 | 294  | 344      |                                   |                                   |
| Markdale.....      | 926.2  | 4,765.8            | 21,988                                | 2,080                                      | 2,434    |                                   |                                   |
| Markham.....       | 5,906.2  | 31,125.7           | 140,208                               | 13,283                                     | 14,260   | 2,730                             | 17,719                            |
| Marmora.....       | 885.4  | 4,788.0            | 21,019                                | 1,988                                      | 2,326    | 591                               |                                   |
| Martintown.....    | 182.2  | 806.0              | 4,325                                 | 409  | 479      |                                   |                                   |
| Massey.....        | 588.8  | 3,310.2            | 13,977                                | 1,322                                      | 1,547    |                                   |                                   |
| Maxville.....      | 700.9  | 3,224.1            | 16,638                                | 1,574                                      | 1,842    |                                   |                                   |
| McGarry Twp.....   | 777.3  | 3,894.0            | 18,453                                | 1,745                                      | 2,042    |                                   |                                   |
| Meaford.....       | 3,499.0  | 19,567.2           | 83,064                                | 7,875                                      | 8,116    | 1,500                             |                                   |
| Merlin.....        | 438.5  | 2,204.1            | 10,410                                | 985  | 1,152    |                                   | 1,316                             |
| Merrickville.....  | 649.5  | 3,249.9            | 15,419                                | 1,458                                      | 1,707    |                                   |                                   |
| Midland.....       | 10,646.0   | 61,307.7           | 252,729                               | 24,381                                     |          | 771                               |                                   |
| Mildmay.....       | 625.8  | 3,057.9            | 14,855                                | 1,405                                      | 1,644    |                                   |                                   |
| Millbrook.....     | 560.6  | 2,767.8            | 13,309                                | 1,259                                      | 1,473    |                                   |                                   |
| Milton.....        | 5,918.1  | 33,240.8           | 140,492                               | 13,543                                     | 628      | 457                               | 17,754                            |
| Milverton.....     | 1,150.4  | 5,092.8            | 27,310                                | 2,583                                      | 3,023    | 56                                | 3,451                             |
| Mimico.....        | 9,797.9  | 56,522.5           | 232,594                               | 22,439                                     |          | 2,263                             | 29,394                            |
| Mitchell.....      | 2,584.9  | 13,096.7           | 61,362                                | 5,920                                      |          | 158                               | 7,755                             |
| Moorefield.....    | 398.7  | 1,724.4            | 9,465                                 | 895  | 1,048    |                                   | 1,196                             |
| Morrisburg.....    | 1,556.6  | 8,272.1            | 36,953                                | 3,495                                      | 4,090    | 923                               |                                   |
| Mount Brydges..... | 490.0  | 2,548.0            | 11,631                                | 1,100                                      | 1,287    |                                   | 1,470                             |

## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER<br><br>Mills<br>per Kwh |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--|
|                     |   |  |                                       |                                     | Interim                                      | Actual |  |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |  |
| 9,981               | 34,995  | 99,977                                   | 98,505.79                             | 1,471.21                            | 27.90  | 27.83  | 7.86   |
| 600                 | 1,598   | 4,775                                    | 4,780.10                              | 5.10                                | 24.30  | 24.07  | 8.22   |
| 301,503             | 1,523,140                                     | 3,900,903                                | 3,848,781.15                          | 52,121.85                           | 23.60  | 23.74  | 7.04   |
| 5,655               | 27,964  | 75,072                                   | 74,233.14                             | 838.86                              | 25.90  | 25.55  | 7.38   |
| 3,474               | 19,988  | 61,906                                   | 61,714.31                             | 191.69                              | 29.30  | 29.22  | 8.52   |
| 1,723               | 6,226   | 17,555                                   | 17,630.05                             | 75.05                               | 25.70  | 24.84  | 7.75   |
| 1,356               | 5,353   | 14,638                                   | 14,642.24                             | 4.24                                | 25.20  | 24.97  | 7.52   |
| 2,263               | 12,822  | 35,340                                   | 34,490.14                             | 849.86                              | 26.00  | 26.61  | 7.58   |
| 362                 | 2,869   | 8,356                                    | 8,016.84                              | 339.16                              | 26.70  | 26.85  | 8.01   |
| 28,418              | 133,825                                       | 357,336                                  | 357,558.90                            | 222.90                              | 26.80  | 26.49  | 7.34   |
| 39,295              | 221,055                                       | 538,021                                  | 536,600.77                            | 1,420.23                            | 23.50  | 23.19  | 6.69   |
| 17,872              | 66,391  | 181,751                                  | 182,960.64                            | 1,209.64                            | 25.80  | 25.17  | 7.53   |
| 490,347             | 2,552,375                                     | 6,633,555                                | 6,538,107.05                          | 95,447.95                           | 25.70  | 25.92  | 7.15   |
| 22,365              | 123,293                                       | 346,812                                  | 348,434.25                            | 1,622.25                            | 27.80  | 27.45  | 7.74   |
| 833                 | 10,325  | 29,750                                   | 29,213.06                             | 536.94                              | 27.40  | 27.44  | 7.92   |
| 3,341               | 9,954   | 29,264                                   | 29,201.88                             | 62.12                               | 27.20  | 26.96  | 8.08   |
| 4,984               | 13,666  | 38,204                                   | 39,084.20                             | 880.20                              | 25.00  | 23.84  | 7.69   |
| 1,826               | 6,154   | 18,313                                   | 17,762.70                             | 550.30                              | 26.60  | 27.49  | 8.18   |
| 3,853               | 16,559  | 45,581                                   | 45,523.83                             | 57.17                               | 25.70  | 25.27  | 7.57   |
| 255                 | 1,720   | 5,210                                    | 5,140.89                              | 69.11                               | 26.60  | 26.67  | 8.33   |
| 3,047               | 13,106  | 36,561                                   | 36,707.44                             | 146.44                              | 25.80  | 25.33  | 7.67   |
| 8,940               | 85,596  | 264,856                                  | 261,724.96                            | 3,131.04                            | 30.40  | 30.35  | 8.51   |
| 2,801               | 13,167  | 36,290                                   | 35,200.70                             | 1,089.30                            | 25.50  | 26.13  | 7.58   |
| 659                 | 2,217   | 6,771                                    | 6,714.53                              | 56.47                               | 24.90  | 25.00  | 8.40   |
| 939                 | 9,103   | 25,010                                   | 24,788.22                             | 221.78                              | 27.30  | 27.03  | 7.56   |
| 2,438               | 8,866   | 26,482                                   | 27,065.50                             | 583.50                              | 25.90  | 25.14  | 8.21   |
| 2,308               | 10,709  | 30,641                                   | 31,009.82                             | 368.82                              | 26.00  | 25.65  | 7.87   |
| 12,076              | 53,810  | 142,289                                  | 141,516.34                            | 772.66                              | 25.30  | 25.30  | 7.27   |
| 2,007               | 6,061   | 17,917                                   | 17,967.72                             | 50.72                               | 27.10  | 27.04  | 8.13   |
| 1,209               | 8,937   | 26,312                                   | 26,306.21                             | 5.79                                | 26.70  | 26.76  | 8.10   |
| 42,884              | 168,596                                       | 403,593                                  | 403,510.32                            | 82.68                               | 22.40  | 22.07  | 6.58   |
| 1,953               | 8,409   | 24,360                                   | 24,564.91                             | 204.91                              | 25.70  | 25.50  | 7.97   |
| 1,538               | 7,611   | 22,114                                   | 21,905.61                             | 208.39                              | 26.00  | 25.88  | 7.99   |
| 19,949              | 91,412  | 244,337                                  | 242,314.55                            | 2,022.45                            | 26.00  | 25.85  | 7.35   |
| 6,430               | 14,005  | 43,998                                   | 44,667.06                             | 669.06                              | 26.50  | 26.08  | 8.64   |
| 36,193              | 155,437                                       | 405,934                                  | 405,561.24                            | 372.76                              | 25.80  | 25.57  | 7.18   |
| 9,632               | 36,016  | 101,579                                  | 101,354.61                            | 224.39                              | 25.60  | 25.36  | 7.76   |
| 1,302               | 4,742   | 16,044                                   | 16,101.98                             | 57.98                               | 28.80  | 28.35  | 9.30   |
| 4,236               | 22,748  | 63,973                                   | 62,927.23                             | 1,045.77                            | 26.00  | 26.49  | 7.73   |
| 1,764               | 7,007   | 20,731                                   | 20,494.70                             | 236.30                              | 27.90  | 28.02  | 8.14   |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY              | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|---------------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                           | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                           | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Mount Forest .....        | 2,522.3  | 12,667.0           | 59,877                                | 5,748                                      | 1,687    | 471                               | .....                             |
| Napanee .....             | 3,930.4  | 20,774.5           | 93,305                                | 8,913                                      | 5,134    | 160                               | .....                             |
| Nepean Twp. ....          | 35,224.3   | 201,133.1          | 836,197                               | 79,226                                     | 84,795   | 9,526                             | .....                             |
| Neustadt .....            | 504.0  | 1,895.0            | 11,963                                | 1,132                                      | 1,324    | .....                             | .....                             |
| Newboro .....             | 149.7  | 750.5              | 3,554                                 | 336  | 393      | .....                             | .....                             |
| Newburgh .....            | 325.5  | 1,616.6            | 7,727                                 | 731  | 855      | .....                             | .....                             |
| Newbury .....             | 153.3  | 752.0              | 3,638                                 | 344  | 403      | .....                             | 460                               |
| Newcastle .....           | 1,260.7  | 6,591.6            | 29,928                                | 2,887                                      | .....    | .....                             | .....                             |
| New Hamburg .....         | 1,906.1  | 10,198.9           | 45,250                                | 4,282                                      | 4,914    | 131                               | 5,718                             |
| Newmarket .....           | 8,293.0  | 47,117.9           | 196,869                               | 18,779                                     | 12,499   | 3,980                             | 24,879                            |
| New Toronto .....         | 33,100.4   | 204,182.8          | 785,779                               | 75,804                                     | .....    | 7,130                             | 99,301                            |
| Niagara .....             | 1,881.7  | 10,857.4           | 44,671                                | 4,309                                      | .....    | 538                               | 5,645                             |
| Niagara Falls .....       | 40,293.0   | 243,160.2          | 956,525                               | 92,276                                     | .....    | 26,727                            | 120,879                           |
| Nipigon Twp. ....         | 1,946.9  | 12,645.1           | 43,567                                | 4,372                                      | 5,115    | .....                             | .....                             |
| North Bay .....           | 16,966.0   | 99,794.6           | 402,759                               | 38,854                                     | .....    | 191                               | .....                             |
| North York Twp. ....      | 295,903.1  | 1,747,264.2        | 7,024,517                             | 677,656                                    | .....    | .....                             | 887,709                           |
| Norwich .....             | 930.9  | 5,176.6            | 22,100                                | 2,090                                      | 2,446    | 345                               | 2,793                             |
| Norwood .....             | 740.6  | 3,774.4            | 17,581                                | 1,663                                      | 1,946    | .....                             | .....                             |
| Oakville .....            | 85,100.4   | 591,577.2          | 2,020,220                             | 194,751                                    | 8,184    | 41,760                            | 255,301                           |
| Oil Springs .....         | 371.9  | 2,348.5            | 8,829                                 | 835  | 977      | .....                             | 1,116                             |
| Omamee .....              | 538.3  | 2,664.9            | 12,778                                | 1,209                                      | 1,414    | .....                             | .....                             |
| Orangeville .....         | 4,711.7  | 25,634.5           | 111,852                               | 10,702                                     | 5,203    | 731                               | .....                             |
| Orillia .....             | 8,389.3  | 41,672.1           | 199,157                               | 19,213                                     | .....    | .....                             | .....                             |
| Orono .....               | 794.0  | 4,105.9            | 18,849                                | 1,783                                      | 2,086    | .....                             | .....                             |
| Oshawa .....              | 100,514.4  | 580,215.9          | 2,386,138                             | 230,190                                    | .....    | .....                             | .....                             |
| Ottawa .....              | 230,371.4  | 1,339,791.0        | 5,468,845                             | 432,375                                    | 968      | .....                             | .....                             |
| Otterville .....          | 425.3  | 2,087.0            | 10,097                                | 955  | 1,117    | .....                             | 1,276                             |
| Owen Sound .....          | 14,656.2   | 83,822.5           | 347,926                               | 33,336                                     | 13,478   | .....                             | .....                             |
| Paisley .....             | 562.8  | 2,832.5            | 13,361                                | 1,289                                      | .....    | .....                             | .....                             |
| Palmerston .....          | 1,355.6  | 7,261.1            | 32,183                                | 3,105                                      | .....    | 610                               | 4,067                             |
| Paris .....               | 4,919.7  | 26,394.9           | 116,790                               | 11,267                                     | .....    | 1,464                             | 14,755                            |
| Parkhill .....            | 1,076.4  | 5,288.0            | 25,554                                | 2,417                                      | 2,828    | .....                             | 3,225                             |
| Parry Sound .....         | 3,808.6  | 21,571.9           | 90,412                                | 8,722                                      | .....    | 409                               | .....                             |
| Penetanguishene .....     | 3,287.7  | 19,615.9           | 78,046                                | 7,529                                      | .....    | 631                               | .....                             |
| Perth .....               | 5,379.8  | 27,628.9           | 127,713                               | 12,320                                     | .....    | .....                             | .....                             |
| Peterborough .....        | 51,995.6   | 313,002.7          | 1,234,337                             | 119,076                                    | .....    | .....                             | .....                             |
| Petrolia .....            | 2,574.5  | 12,785.8           | 61,117                                | 5,797                                      | 5,826    | .....                             | 7,725                             |
| Petrolia Waterworks ..... | 162.5  | 887.0              | 3,857                                 | 365  | 427      | .....                             | 488                               |
| Pickering .....           | 1,129.5  | 6,148.2            | 26,813                                | 2,536                                      | 2,968    | .....                             | .....                             |
| Pictou .....              | 4,455.1  | 24,385.6           | 105,761                               | 10,203                                     | .....    | 190                               | .....                             |

\*See note 7, page 136.



## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 8,784               | 34,834  | 93,833                                   | 94,521.30                             | 688.30                              | 23.90  | 23.40  | 7.41                                 |
| 16,269              | 57,130  | 148,373                                  | 149,756.15                            | 1,383.15                            | 23.70  | 23.22  | 7.14                                 |
| 24,041              | 553,116                                       | 1,538,819                                | 1,441,134.72                          | 97,684.28                           | 27.90  | 25.99  | 7.30                                 |
| 1,369               | 5,211   | 18,261                                   | 17,866.90                             | 394.10                              | 25.60  | 25.90  | 9.64                                 |
| 267                 | 2,064   | 6,080                                    | 6,001.82                              | 78.18                               | 26.90  | 26.84  | 8.10                                 |
| 695                 | 4,446   | 13,064                                   | 13,054.01                             | 9.99                                | 26.80  | 26.48  | 8.08                                 |
| 827                 | 2,068   | 6,086                                    | 5,953.68                              | 132.32                              | 26.30  | 26.23  | 8.09                                 |
| 2,893               | 18,127  | 48,409                                   | 47,512.43                             | 536.57                              | 23.80  | 23.74  | 7.29                                 |
| 8,655               | 28,047  | 79,687                                   | 78,670.22                             | 1,016.78                            | 27.10  | 27.10  | 7.81                                 |
| 17,033              | 129,574                                       | 369,547                                  | 371,116.16                            | 1,569.16                            | 29.60  | 28.95  | 7.84                                 |
| 118,602             | 561,503                                       | 1,410,915                                | 1,419,110.71                          | 8,195.71                            | 26.00  | 25.67  | 6.91                                 |
| 8,500               | 29,858  | 76,521                                   | 75,671.23                             | 849.77                              | 24.70  | 24.80  | 7.05                                 |
| 149,079             | 668,691                                       | 1,716,019                                | 1,693,663.11                          | 22,355.89                           | 25.80  | 25.99  | 7.06                                 |
| 4,718               | 34,774  | 83,110                                   | 83,120.76                             | 10.76                               | 24.90  | 24.84  | 6.57                                 |
| 69,374              | 274,435                                       | 646,865                                  | 646,597.45                            | 267.55                              | 22.20  | 21.95  | 6.48                                 |
| 392,629             | 4,804,976                                     | 13,002,229                               | 12,820,151.26                         | 182,077.74                          | 27.70  | 27.70  | 7.44                                 |
| 5,948               | 14,236  | 38,062                                   | 37,662.01                             | 399.99                              | 25.40  | 25.60  | 7.35                                 |
| 2,546               | 10,380  | 29,024                                   | 28,725.04                             | 298.96                              | 25.40  | 25.18  | 7.69                                 |
| 86,035              | 1,626,837                                     | 4,061,018                                | 4,005,295.19                          | 55,722.81                           | 28.40  | 28.61  | 6.86                                 |
| 3,015               | 6,458   | 15,200                                   | 15,061.84                             | 138.16                              | 23.50  | 23.51  | 6.47                                 |
| 1,589               | 7,328   | 21,140                                   | 20,691.74                             | 448.26                              | 25.80  | 25.67  | 7.93                                 |
| 14,025              | 70,495  | 184,958                                  | 189,675.02                            | 4,717.02                            | 25.70  | 24.29  | 7.22                                 |
| 11,425              | 114,598                                       | 321,543                                  | 337,383.93                            | 15,840.93                           | 25.10  | 24.67  | 7.72                                 |
| 1,559               | 11,291  | 32,450                                   | 32,114.44                             | 335.56                              | 26.80  | 26.66  | 7.90                                 |
| 241,626             | 1,595,595                                     | 3,970,297                                | 3,982,209.77                          | 11,912.77                           | 23.80  | 23.63  | 6.84                                 |
| 400,365             | 3,684,426                                     | 9,186,249                                | 9,147,084.62                          | 39,164.38                           | 24.10  | 23.87  | 6.86                                 |
| 1,961               | 5,739   | 17,223                                   | 16,857.45                             | 365.55                              | 27.00  | 27.01  | 8.25                                 |
| 59,927              | 230,512                                       | 565,325                                  | 559,939.10                            | 5,385.90                            | 23.00  | 22.85  | 6.74                                 |
| 2,652               | 7,789   | 19,787                                   | 20,072.68                             | 285.68                              | 22.00  | 21.32  | 6.99                                 |
| 7,734               | 19,968  | 52,199                                   | 50,582.03                             | 1,616.97                            | 22.80  | 23.77  | 7.19                                 |
| 20,641              | 72,586  | 196,225                                  | 194,301.12                            | 1,923.88                            | 24.80  | 25.13  | 7.43                                 |
| 4,590               | 14,542  | 43,980                                   | 43,790.70                             | 189.30                              | 27.40  | 27.36  | 8.32                                 |
| 5,688               | 59,323  | 153,178                                  | 149,598.96                            | 3,579.04                            | 24.60  | 24.65  | 7.10                                 |
| 12,603              | 53,944  | 127,547                                  | 122,553.19                            | 4,993.81                            | 22.10  | 22.39  | 6.50                                 |
| 20,069              | 75,979  | 195,943                                  | 199,126.44                            | 3,183.44                            | 23.10  | 22.30  | 7.09                                 |
| 153,851             | 860,757                                       | 2,060,319                                | 2,050,502.83                          | 9,816.17                            | 23.30  | 23.07  | 6.58                                 |
| 15,162              | 35,161  | 100,463                                  | 101,544.89                            | 1,081.89                            | 26.20  | 25.37  | 7.86                                 |
| .....               | 2,439   | 7,576                                    | 7,594.95                              | 18.95                               | 31.90  | 31.62  | 8.54                                 |
| 1,190               | 16,908  | 48,035                                   | 47,444.78                             | 590.22                              | 27.40  | 27.57  | 7.81                                 |
| 17,983              | 67,060  | 165,231                                  | 166,237.17                            | 1,006.17                            | 22.50  | 22.03  | 6.78                                 |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY           | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARD-<br>IZATION |
|------------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                        | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                        | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Plantagenet.....       | 665.6  | 3,333.0            | 15,802                                | 1,495                                      | 1,749    | .....                             | .....                             |
| Plattsville.....       | 851.6  | 3,961.8            | 20,216                                | 1,912                                      | 2,238    | .....                             | 2,555                             |
| Point Edward.....      | 6,812.4  | 33,578.8           | 161,721                               | 15,543                                     | 3,444    | .....                             | 20,437                            |
| Port Arthur.....*      | 49,674.9   | 279,556.6          | 1,111,579                             | 113,762                                    | .....    | 161                               | .....                             |
| Port Burwell.....      | 294.4  | 1,472.0            | 6,990                                 | 661  | 774      | 29                                | 883                               |
| Port Colborne.....     | 14,230.8   | 90,446.4           | 337,829                               | 32,590                                     | .....    | 1,618                             | 42,692                            |
| Port Credit.....       | 15,893.0   | 111,197.9          | 377,288                               | 36,397                                     | .....    | 4,154                             | 47,679                            |
| Port Dover.....        | 2,542.9  | 14,591.0           | 60,367                                | 5,824                                      | .....    | 1,674                             | 7,629                             |
| Port Elgin.....        | 2,042.5  | 11,532.1           | 48,487                                | 4,586                                      | 5,368    | 49                                | .....                             |
| Port Hope.....         | 9,134.7  | 49,338.9           | 216,850                               | 20,919                                     | .....    | 2,683                             | .....                             |
| Port McNicoll.....     | 1,353.1  | 5,289.6            | 32,121                                | 3,038                                      | 3,555    | 790                               | .....                             |
| Port Perry.....        | 2,001.1  | 10,702.0           | 47,505                                | 4,493                                      | 5,258    | .....                             | .....                             |
| Port Rowan.....        | 350.5  | 1,840.0            | 8,321                                 | 787  | 921      | .....                             | 1,052                             |
| Port Stanley.....      | 1,151.1  | 5,662.8            | 27,327                                | 2,585                                      | 3,024    | 1,917                             | 3,453                             |
| Prescott.....          | 4,298.8  | 22,634.9           | 102,050                               | 9,756                                      | 5,215    | 420                               | .....                             |
| Preston.....           | 12,336.0   | 66,647.4           | 292,846                               | 28,251                                     | .....    | .....                             | 37,008                            |
| Priceville.....        | 65.2   | 285.6              | 1,548                                 | 146  | 171      | .....                             | .....                             |
| Princeton.....         | 316.1  | 1,654.4            | 7,504                                 | 710  | 831      | .....                             | 948                               |
| Queenston.....         | 403.5  | 2,196.6            | 9,578                                 | 906  | 1,060    | 105                               | 1,211                             |
| Rainy River.....       | 716.2  | 3,849.7            | 17,002                                | 1,608                                      | 1,882    | 95                                | .....                             |
| Red Rock.....          | 941.5  | 4,682.4            | 21,068                                | 2,114                                      | 2,474    | .....                             | .....                             |
| Renfrew.....*          | 5,795.9  | 28,162.5           | 137,590                               | 13,273                                     | .....    | .....                             | .....                             |
| Richmond.....          | 1,020.4  | 5,745.6            | 24,225                                | 2,291                                      | 2,681    | .....                             | .....                             |
| Richmond Hill.....     | 13,538.7   | 76,418.9           | 321,398                               | 31,005                                     | .....    | 3,521                             | 40,616                            |
| Ridgetown.....         | 2,036.7  | 10,189.8           | 48,350                                | 4,584                                      | 4,727    | 3,500                             | 6,110                             |
| Ripley.....            | 425.4  | 2,107.6            | 10,098                                | 955  | 1,118    | .....                             | .....                             |
| Rockland.....          | 1,596.6  | 8,045.9            | 37,902                                | 3,585                                      | 4,195    | .....                             | .....                             |
| Rockwood.....          | 503.4  | 2,572.0            | 11,950                                | 1,130                                      | 1,323    | .....                             | 1,510                             |
| Rodney.....            | 648.8  | 3,269.6            | 15,402                                | 1,457                                      | 1,705    | .....                             | 1,946                             |
| Rosseau.....           | 144.9  | 661.8              | 3,441                                 | 325  | 381      | .....                             | .....                             |
| Russell.....           | 414.8  | 2,090.9            | 9,847                                 | 931  | 1,090    | .....                             | .....                             |
| St. Catharines.....    | 113,325.8  | 679,801.7          | 2,690,271                             | 259,525                                    | 268      | 340                               | 339,977                           |
| St. Clair Beach.....   | 810.5  | 4,470.2            | 19,241                                | 1,820                                      | 2,130    | .....                             | 2,437                             |
| St. George.....        | 633.4  | 3,164.0            | 15,036                                | 1,422                                      | 1,664    | .....                             | 1,900                             |
| St. Jacobs.....        | 695.4  | 3,356.8            | 16,507                                | 1,561                                      | 1,827    | .....                             | 2,086                             |
| St. Mary's.....        | 14,435.2   | 101,635.0          | 342,680                               | 33,058                                     | .....    | 3,401                             | 43,300                            |
| St. Thomas.....        | 21,088.5   | 122,228.8          | 500,625                               | 48,285                                     | 587      | .....                             | 63,264                            |
| Sandwich West Twp..... | 3,348.4  | 18,938.5           | 79,489                                | 7,598                                      | 4,152    | 2,163                             | 10,047                            |
| Sarnia.....            | 41,244.0   | 273,534.0          | 979,100                               | 94,454                                     | .....    | .....                             | 123,733                           |
| Scarborough Twp.....   | 195,390.3  | 1,114,379.6        | 4,638,420                             | 447,184                                    | 4,620    | 131,854                           | 586,177                           |

\*See note 7, page 136.

## ST OF PRIMARY POWER TO MUNICIPALITIES

ed December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 740                 | 9,166   | 27,472                                   | 27,303.98                             | 168.02                              | 27.70  | 27.51  | 8.24                                 |
| 2,658               | 10,895  | 35,158                                   | 34,823.87                             | 334.13                              | 28.60  | 28.50  | 8.87                                 |
| 19,531              | 92,342  | 273,953                                  | 273,153.17                            | 799.83                              | 26.90  | 26.67  | 8.16                                 |
| 299,473             | 768,780                                       | 1,694,809                                | 1,693,447.65                          | 1,361.35                            | 19.00  | 18.64  | 6.06                                 |
| 1,094               | 4,048   | 12,291                                   | 12,273.59                             | 17.41                               | 28.20  | 28.00  | 8.35                                 |
| 33,866              | 248,728                                       | 629,591                                  | 640,457.49                            | 10,866.49                           | 27.00  | 26.76  | 6.96                                 |
| 28,641              | 305,794                                       | 742,671                                  | 739,945.38                            | 2,725.62                            | 27.60  | 27.49  | 6.68                                 |
| 8,749               | 40,125  | 106,870                                  | 105,549.73                            | 1,320.27                            | 26.00  | 26.25  | 7.32                                 |
| 6,288               | 31,713  | 83,915                                   | 83,037.17                             | 877.83                              | 25.60  | 25.56  | 7.28                                 |
| 30,878              | 135,682                                       | 345,256                                  | 342,716.60                            | 2,539.40                            | 23.00  | 22.94  | 7.00                                 |
| 3,747               | 14,546  | 50,303                                   | 48,017.65                             | 2,285.35                            | 25.60  | 26.43  | 9.51                                 |
| 5,871               | 29,431  | 80,816                                   | 79,872.93                             | 943.07                              | 25.80  | 25.69  | 7.55                                 |
| 1,799               | 5,060   | 14,342                                   | 14,378.65                             | 36.65                               | 26.70  | 26.49  | 7.79                                 |
| 7,704               | 15,573  | 46,175                                   | 43,946.54                             | 2,228.46                            | 25.20  | 26.60  | 8.15                                 |
| 15,037              | 62,246  | 164,650                                  | 162,879.65                            | 1,770.35                            | 23.80  | 23.82  | 7.27                                 |
| 47,643              | 183,280                                       | 493,742                                  | 478,722.73                            | 15,019.27                           | 24.60  | 25.17  | 7.41                                 |
| 251                 | 785   | 2,399                                    | 2,370.97                              | 28.03                               | 24.80  | 24.77  | 8.40                                 |
| 1,864               | 4,550   | 12,679                                   | 13,085.40                             | 406.40                              | 26.50  | 25.72  | 7.66                                 |
| 1,631               | 6,041   | 17,270                                   | 17,099.72                             | 170.28                              | 27.60  | 27.84  | 7.86                                 |
| 999                 | 10,587  | 30,175                                   | 29,423.75                             | 751.25                              | 27.30  | 27.36  | 7.84                                 |
| 2,044               | 12,877  | 36,489                                   | 36,343.89                             | 145.11                              | 25.40  | 25.09  | 7.79                                 |
| 10,371              | 77,447  | 217,939                                  | 217,700.12                            | 238.88                              | 24.60  | 24.24  | 7.74                                 |
| 1,782               | 15,800  | 43,215                                   | 42,209.09                             | 1,005.91                            | 26.70  | 26.87  | 7.52                                 |
| 21,223              | 210,152                                       | 585,469                                  | 585,438.18                            | 30.82                               | 28.00  | 27.72  | 7.66                                 |
| 8,273               | 28,022  | 87,020                                   | 83,743.55                             | 3,276.45                            | 27.70  | 28.97  | 8.54                                 |
| 1,929               | 5,796   | 16,038                                   | 15,947.17                             | 90.83                               | 24.40  | 24.09  | 7.61                                 |
| 2,229               | 22,126  | 65,579                                   | 64,993.61                             | 585.39                              | 27.20  | 27.22  | 8.15                                 |
| 2,248               | 7,073   | 20,738                                   | 20,315.96                             | 422.04                              | 26.90  | 27.15  | 8.06                                 |
| 2,950               | 8,991   | 26,551                                   | 25,992.36                             | 558.64                              | 26.50  | 27.07  | 8.12                                 |
| 821                 | 1,820   | 5,146                                    | 5,258.93                              | 112.93                              | 23.80  | 22.95  | 7.78                                 |
| 1,464               | 5,750   | 16,154                                   | 16,123.00                             | 31.00                               | 25.50  | 25.09  | 7.73                                 |
| 316,415             | 1,869,455                                     | 4,843,421                                | 4,853,391.78                          | 9,970.78                            | 26.50  | 26.24  | 7.12                                 |
| 2,205               | 12,293  | 35,711                                   | 34,759.34                             | 951.66                              | 28.50  | 28.90  | 7.99                                 |
| 2,727               | 8,701   | 25,996                                   | 26,048.46                             | 52.46                               | 27.30  | 27.31  | 8.22                                 |
| 3,502               | 9,231   | 27,710                                   | 27,290.25                             | 419.75                              | 26.10  | 26.58  | 8.25                                 |
| 32,094              | 279,496                                       | 669,847                                  | 658,813.93                            | 11,033.07                           | 26.80  | 27.05  | 6.59                                 |
| 89,065              | 336,129                                       | 859,827                                  | 855,615.06                            | 4,211.94                            | 25.00  | 24.84  | 7.03                                 |
| 6,009               | 52,081  | 149,519                                  | 146,321.71                            | 3,197.29                            | 29.30  | 29.11  | 7.89                                 |
| 289,242             | 752,219                                       | 1,660,263                                | 1,590,742.56                          | 69,520.44                           | 21.50  | 22.02  | 6.07                                 |
| 304,679             | 3,064,544                                     | 8,568,114                                | 8,473,260.30                          | 94,853.70                           | 28.10  | 28.16  | 7.69                                 |



STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY     | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                  | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                  | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Schreiber Twp.   | 1,526.7  | 8,892.0            | 34,163                                | 3,428                                      | 4,011    | 189                               | .....                             |
| Seaforth         | 2,011.2  | 9,749.3            | 47,743                                | 4,606                                      | .....    | 474                               | 6,034                             |
| Shelburne        | 1,097.4  | 5,906.4            | 26,051                                | 2,464                                      | 2,883    | .....                             | .....                             |
| Simcoe           | 10,536.3   | 62,536.8           | 250,123                               | 24,123                                     | 424      | 5,173                             | 31,609                            |
| Sioux Lookout    | 2,012.9  | 12,170.4           | 47,785                                | 4,520                                      | 5,289    | 349                               | .....                             |
| Smith's Falls    | 9,664.4  | 51,204.8           | 229,424                               | 22,133                                     | .....    | 230                               | .....                             |
| Smithville       | 700.6  | 3,363.2            | 16,632                                | 1,583                                      | 1,282    | 244                               | 2,102                             |
| Southampton      | 1,531.1  | 8,917.0            | 36,347                                | 3,438                                      | 4,023    | 547                               | .....                             |
| South River      | 478.3  | 2,668.5            | 11,354                                | 1,076                                      | 1,152    | .....                             | .....                             |
| Springfield      | 242.0  | 1,241.6            | 5,745                                 | 543  | 636      | 37                                | 726                               |
| Stayner          | 1,334.2  | 7,245.6            | 31,673                                | 2,996                                      | 3,506    | .....                             | .....                             |
| Stirling         | 1,142.7  | 5,882.5            | 27,125                                | 2,617                                      | .....    | .....                             | .....                             |
| Stoney Creek     | 4,449.9  | 23,953.2           | 105,636                               | 9,995                                      | 11,498   | 433                               | 13,350                            |
| Stouffville      | 2,770.9  | 14,043.3           | 65,780                                | 6,346                                      | .....    | 20                                | 8,313                             |
| Stratford        | 24,891.2   | 137,141.4          | 590,898                               | 56,993                                     | 654      | .....                             | 74,674                            |
| Strathroy        | 5,317.3  | 29,686.0           | 126,230                               | 12,178                                     | .....    | 3,046                             | 15,952                            |
| Streetsville     | 4,074.6  | 22,916.7           | 96,727                                | 9,331                                      | .....    | 613                               | 12,224                            |
| Sturgeon Falls   | 3,567.1  | 18,776.7           | 84,680                                | 8,169                                      | .....    | 263                               | .....                             |
| Sudbury          | 49,723.9   | 294,097.2          | 1,180,408                             | 113,874                                    | .....    | 18,629                            | .....                             |
| Sunderland       | 521.6  | 2,595.8            | 12,384                                | 1,171                                      | 1,370    | .....                             | .....                             |
| Sundridge        | 606.5  | 3,320.4            | 14,398                                | 1,362                                      | 1,594    | .....                             | .....                             |
| Sutton           | 1,435.8  | 7,986.8            | 34,085                                | 3,224                                      | 3,773    | .....                             | 4,307                             |
| Swansea          | 6,724.3  | 41,798.2           | 159,630                               | 15,399                                     | .....    | 1,131                             | 20,173                            |
| Tara             | 671.6  | 3,654.4            | 15,943                                | 1,508                                      | 1,765    | .....                             | .....                             |
| Tavistock        | 1,096.0  | 5,688.0            | 26,019                                | 2,461                                      | 2,880    | 529                               | 3,288                             |
| Tecumseh         | 2,350.7  | 13,020.6           | 55,803                                | 5,306                                      | 4,534    | 856                               | 7,052                             |
| Teeswater        | 1,065.6  | 4,954.0            | 25,297                                | 2,393                                      | 2,800    | .....                             | .....                             |
| Terrace Bay Twp. | 1,516.0  | 9,608.0            | 33,924                                | 3,472                                      | .....    | 263                               | .....                             |
| Thamesford       | 1,061.3  | 6,206.4            | 25,195                                | 2,383                                      | 2,789    | .....                             | 3,184                             |
| Thamesville      | 974.6  | 4,160.8            | 23,137                                | 2,188                                      | 2,561    | .....                             | 2,924                             |
| Thedford         | 556.6  | 2,848.8            | 13,213                                | 1,250                                      | 1,462    | .....                             | 1,670                             |
| Thessalon        | 978.0  | 5,540.5            | 23,218                                | 2,240                                      | .....    | .....                             | .....                             |
| Thornbury        | 1,299.9  | 6,387.2            | 30,858                                | 2,919                                      | 3,415    | .....                             | .....                             |
| Thorndale        | 244.2  | 1,213.2            | 5,797                                 | 548  | 642      | 14                                | 733                               |
| Thornton         | 157.1  | 699.2              | 3,729                                 | 353  | 413      | .....                             | .....                             |
| Thorold          | 11,452.7   | 71,560.7           | 271,879                               | 26,215                                     | .....    | 325                               | 34,358                            |
| Tilbury          | 2,360.2  | 10,822.7           | 56,030                                | 5,405                                      | .....    | 2,089                             | 7,081                             |
| Tillsonburg      | 7,083.5  | 37,256.5           | 168,157                               | 16,223                                     | .....    | .....                             | 21,251                            |
| Toronto          | 704,736.3  | 4,384,453.3        | 16,729,918                            | 1,345,685                                  | .....    | .....                             | 2,114,208                         |
| Toronto Twp.     | 105,528.1  | 676,476.8          | 2,505,159                             | 241,464                                    | 12,256   | 58,041                            | 316,584                           |

## COST OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 3,096               | 24,453  | 63,148                                   | 62,782.36                             | 365.64                              | 25.50  | 25.35  | 7.10                                 |
| 9,613               | 26,810  | 76,054                                   | 75,203.87                             | 850.13                              | 24.10  | 24.49  | 7.80                                 |
| 4,727               | 16,243  | 42,914                                   | 42,703.41                             | 210.59                              | 24.60  | 24.31  | 7.27                                 |
| 32,649              | 171,976                                       | 450,779                                  | 450,519.80                            | 259.20                              | 26.40  | 26.46  | 7.21                                 |
| 7,165               | 33,469  | 84,247                                   | 84,129.63                             | 117.37                              | 25.30  | 25.23  | 6.92                                 |
| 31,754              | 140,813                                       | 360,846                                  | 361,146.49                            | 300.49                              | 22.90  | 22.76  | 7.05                                 |
| 2,191               | 9,249   | 28,901                                   | 28,241.91                             | 659.09                              | 27.70  | 28.05  | 8.59                                 |
| 5,868               | 24,522  | 63,009                                   | 62,620.45                             | 388.55                              | 25.30  | 25.15  | 7.07                                 |
| 351                 | 7,338   | 20,569                                   | 20,295.80                             | 273.20                              | 28.10  | 27.67  | 7.71                                 |
| 1,540               | 3,414   | 9,561                                    | 9,747.80                              | 186.80                              | 26.00  | 25.41  | 7.70                                 |
| 4,437               | 19,925  | 53,663                                   | 53,251.46                             | 411.54                              | 25.30  | 25.29  | 7.41                                 |
| 3,635               | 16,177  | 42,284                                   | 42,722.98                             | 438.98                              | 23.40  | 22.85  | 7.19                                 |
| 8,079               | 65,871  | 198,704                                  | 199,946.28                            | 1,242.28                            | 30.00  | 29.85  | 8.30                                 |
| 7,214               | 38,619  | 111,864                                  | 110,694.97                            | 1,169.03                            | 26.60  | 26.44  | 7.97                                 |
| 98,215              | 377,139                                       | 1,002,143                                | 982,418.30                            | 19,724.70                           | 24.70  | 25.11  | 7.31                                 |
| 18,425              | 81,637  | 220,618                                  | 220,055.01                            | 562.99                              | 26.20  | 26.13  | 7.43                                 |
| 7,517               | 63,021  | 174,399                                  | 174,047.86                            | 351.14                              | 27.70  | 27.34  | 7.61                                 |
| 5,198               | 51,636  | 139,550                                  | 138,708.43                            | 841.57                              | 24.90  | 24.64  | 7.43                                 |
| 120,331             | 808,767                                       | 2,001,347                                | 1,996,275.79                          | 5,071.21                            | 24.30  | 23.98  | 6.81                                 |
| 1,932               | 7,138   | 20,131                                   | 20,215.72                             | 84.72                               | 25.10  | 24.92  | 7.76                                 |
| 967                 | 9,131   | 25,518                                   | 25,067.66                             | 450.34                              | 27.10  | 27.03  | 7.69                                 |
| 5,418               | 21,964  | 61,935                                   | 61,200.83                             | 734.17                              | 28.00  | 27.85  | 7.75                                 |
| 28,365              | 114,945                                       | 282,913                                  | 289,259.09                            | 6,346.09                            | 25.90  | 24.98  | 6.77                                 |
| 2,082               | 10,050  | 27,184                                   | 26,229.49                             | 954.51                              | 25.40  | 25.52  | 7.44                                 |
| 7,465               | 15,642  | 43,354                                   | 41,850.77                             | 1,503.23                            | 24.30  | 25.29  | 7.62                                 |
| 7,136               | 35,807  | 102,222                                  | 100,540.16                            | 1,681.84                            | 28.10  | 28.25  | 7.85                                 |
| 3,351               | 13,624  | 40,763                                   | 40,154.33                             | 608.67                              | 25.60  | 25.48  | 8.23                                 |
| 3,916               | 26,422  | 60,165                                   | 60,098.95                             | 66.05                               | 22.50  | 22.26  | 6.26                                 |
| 3,622               | 17,068  | 46,997                                   | 46,501.18                             | 495.82                              | 28.60  | 28.21  | 7.57                                 |
| 3,946               | 11,442  | 38,306                                   | 38,282.71                             | 23.29                               | 27.40  | 27.57  | 9.21                                 |
| 2,407               | 7,834   | 23,022                                   | 22,773.19                             | 248.81                              | 27.20  | 27.30  | 8.08                                 |
| 1,185               | 15,237  | 39,510                                   | 39,237.44                             | 272.56                              | 25.10  | 24.81  | 7.13                                 |
| 2,178               | 17,565  | 52,579                                   | 52,744.94                             | 165.94                              | 27.20  | 26.94  | 8.23                                 |
| 1,429               | 3,336   | 9,641                                    | 9,773.35                              | 132.35                              | 26.70  | 25.83  | 7.95                                 |
| 700                 | 1,923   | 5,718                                    | 5,831.74                              | 113.74                              | 24.90  | 24.16  | 8.18                                 |
| 42,266              | 196,792                                       | 487,303                                  | 532,005.86                            | 44,702.86                           | 26.40  | 25.37  | 6.81                                 |
| 10,784              | 29,762  | 89,583                                   | 85,747.78                             | 3,835.22                            | 24.20  | 25.35  | 8.28                                 |
| 20,982              | 102,455                                       | 287,104                                  | 288,889.17                            | 1,785.17                            | 26.40  | 26.07  | 7.71                                 |
| 3,594,877           | 12,057,246                                    | 28,652,180                               | 28,602,824.20                         | 49,355.80                           | 23.70  | 23.54  | 6.53                                 |
| 143,738             | 1,860,311                                     | 4,850,077                                | 4,737,261.98                          | 112,815.02                          | 27.90  | 28.34  | 7.17                                 |

STATEMENT OF THE ALLOCATION OF THE  
for the Year

| MUNICIPALITY              | PRIMARY POWER AND<br>ENERGY SUPPLIED<br>DURING YEAR<br>(Principal Bases of<br>Cost Allocation) |                    | COMMON<br>DEMAND<br>COSTS<br>(Note 1) | TRANSFORMATION<br>AND METERING<br>(Note 2) |          | SPECIAL<br>FACILITIES<br>(Note 3) | FREQUENCY<br>STANDARDI-<br>ZATION |
|---------------------------|--|--------------------|---------------------------------------|--|----------|-----------------------------------|-----------------------------------|
|                           | Average of<br>Monthly<br>Peak Loads  | Energy             |                                       | Stage I                                    | Stage II |                                   |                                   |
|                           | kw   | megawatt-<br>hours | \$                                    | \$   | \$       | \$                                | \$                                |
| Tottenham.....            | 447.6  | 2,378.4            | 10,625                                | 1,005                                      | 1,176    |                                   |                                   |
| Trenton.....              | 16,990.4   | 104,117.5          | 403,340                               | 38,910                                     |          |                                   |                                   |
| Tweed.....                | 1,596.7  | 7,778.4            | 37,904                                | 3,585                                      | 4,195    | 228                               |                                   |
| Uxbridge.....             | 2,877.5  | 14,061.9           | 68,310                                | 6,590                                      |          |                                   |                                   |
| Vankleek Hill.....        | 930.3  | 4,607.7            | 22,085                                | 2,089                                      | 2,444    |                                   |                                   |
| Victoria Harbour.....     | 584.6  | 3,100.8            | 13,877                                | 1,313                                      | 1,536    | 326                               |                                   |
| Walkerton.....            | 4,611.4  | 22,553.6           | 109,470                               | 10,561                                     |          | 2,483                             |                                   |
| Wallaceburg.....          | 14,987.1   | 82,358.9           | 355,782                               | 34,323                                     |          | 2,143                             | 44.9                              |
| Wardsville.....           | 193.1  | 954.4              | 4,583                                 | 434  | 507      | 81                                | 5                                 |
| Warkworth.....            | 320.8  | 1,546.8            | 7,617                                 | 720  | 843      |                                   |                                   |
| Wasaga Beach.....         | 948.6  | 3,946.2            | 22,521                                | 2,130                                      | 2,492    |                                   |                                   |
| Waterdown.....            | 1,315.9  | 7,217.4            | 31,238                                | 2,955                                      | 3,457    |                                   | 3.9                               |
| Waterford.....            | 1,681.3  | 7,845.7            | 39,912                                | 3,791                                      | 3,476    | 93                                | 5.0                               |
| Waterloo.....             | 29,734.4   | 177,310.6          | 705,874                               | 2,225                                      | 1,070    |                                   | 89.2                              |
| Watford.....              | 1,699.0  | 8,821.9            | 40,332                                | 3,852                                      | 2,306    | 39                                | 5.0                               |
| Waubashene.....           | 388.2  | 2,051.2            | 9,216                                 | 872  | 1,020    |                                   |                                   |
| Webbwood.....             | 197.6  | 992.1              | 4,691                                 | 444  | 519      |                                   |                                   |
| Welland.....              | 33,522.4   | 183,703.8          | 795,796                               | 76,769                                     |          |                                   | 100.5                             |
| Wellesley.....            | 507.4  | 2,185.5            | 12,045                                | 1,139                                      | 1,333    |                                   | 1.5                               |
| Wellington.....           | 666.0  | 3,358.0            | 15,811                                | 1,495                                      | 1,750    |                                   |                                   |
| West Ferris Twp.....      | 5,364.9  | 30,729.9           | 127,359                               | 12,287                                     |          | 993                               |                                   |
| West Lorne.....           | 1,333.5  | 6,175.2            | 31,656                                | 2,994                                      | 3,504    |                                   | 4.0                               |
| Weston.....               | 11,830.4   | 67,661.4           | 280,844                               | 27,093                                     |          | 944                               | 35.4                              |
| Westport.....             | 473.8  | 2,493.6            | 11,248                                | 1,064                                      | 1,245    |                                   |                                   |
| Wheatley.....             | 918.2  | 4,707.7            | 21,799                                | 2,062                                      | 2,413    |                                   | 2.7                               |
| Whitby.....               | 15,578.6   | 90,847.0           | 369,824                               | 35,677                                     |          | 5,416                             |                                   |
| Warton.....               | 1,520.8  | 8,724.0            | 36,103                                | 3,415                                      | 3,996    |                                   |                                   |
| Widdifield Twp.....       | 9,708.6  | 54,713.8           | 230,476                               | 22,234                                     |          | 2,163                             |                                   |
| Williamsburg.....         | 290.5  | 1,337.0            | 6,895                                 | 652  | 763      |                                   |                                   |
| Winchester.....           | 1,635.2  | 9,285.2            | 38,817                                | 3,687                                      | 3,402    | 152                               |                                   |
| Windermere.....           | 200.9  | 929.4              | 4,770                                 | 451  | 528      |                                   |                                   |
| Windsor.....              | 148,537.2  | 874,086.6          | 3,526,164                             | 339,637                                    | 30,443   | 45,695                            | 445.6                             |
| Wingham.....              | 3,199.8  | 17,504.4           | 75,962                                | 7,328                                      |          | 159                               |                                   |
| Woodbridge.....           | 2,203.6  | 13,020.7           | 52,312                                | 4,962                                      | 4,944    |                                   | 6.6                               |
| Woodstock.....            | 25,971.2   | 147,597.1          | 616,537                               | 59,477                                     |          |                                   | 77.9                              |
| Woodville.....            | 265.2  | 1,337.0            | 6,296                                 | 595  | 697      |                                   |                                   |
| Wyoming.....              | 595.0  | 2,906.5            | 14,125                                | 1,336                                      | 1,563    | 75                                | 1.7                               |
| York Twp.....             | 71,978.3   | 453,684.2          | 1,708,712                             | 164,839                                    |          |                                   | 215.9                             |
| Zurich.....               | 537.4  | 2,564.9            | 12,759                                | 1,207                                      | 1,412    |                                   | 1.6                               |
| Total Municipalities..... | 4,779,910.0  | 28,608,782.0       | 113,340,546                           | 10,216,075                                 | 910,152  | 680,300                           | 10,808.8                          |



## DISTRIBUTION OF PRIMARY POWER TO MUNICIPALITIES

ended December 31, 1966

| RETURN<br>ON EQUITY | ENERGY @<br>2.75 MILLS<br>PER KWH<br>(Note 4) | COST OF<br>PRIMARY<br>POWER<br>ALLOCATED | AMOUNTS<br>BILLED AT<br>INTERIM RATES | BALANCE<br>(Refunded<br>or Charged) | DEMAND RATES<br>PER KW PER ANNUM<br>(Note 6) |        | TOTAL<br>COST OF<br>PRIMARY<br>POWER |
|---------------------|---|--|---------------------------------------|-------------------------------------|--|--------|--------------------------------------|
|                     |   |  |                                       |                                     | Interim                                      | Actual | Mills<br>per Kwh                     |
| \$                  | \$  | \$                                       | \$                                    | \$                                  | \$   | \$     |                                      |
| 2,321               | 6,541   | 17,026                                   | 17,169.20                             | 143.20                              | 24.00  | 23.43  | 7.16                                 |
| 50,404              | 286,323                                       | 678,169                                  | 679,501.73                            | 1,332.73                            | 23.20  | 23.06  | 6.51                                 |
| 4,613               | 21,391  | 62,690                                   | 62,859.65                             | 169.65                              | 26.20  | 25.87  | 8.06                                 |
| 6,980               | 38,670  | 106,590                                  | 106,845.19                            | 255.19                              | 24.10  | 23.60  | 7.58                                 |
| 1,258               | 12,671  | 38,031                                   | 37,631.52                             | 399.48                              | 27.60  | 27.27  | 8.25                                 |
| 1,613               | 8,527   | 23,966                                   | 23,136.49                             | 829.51                              | 26.20  | 26.42  | 7.73                                 |
| 11,070              | 62,022  | 173,466                                  | 169,425.98                            | 4,040.02                            | 24.00  | 24.17  | 7.69                                 |
| 49,788              | 226,487                                       | 613,908                                  | 599,390.08                            | 14,517.92                           | 25.80  | 25.85  | 7.45                                 |
| 972                 | 2,625   | 7,837                                    | 7,624.97                              | 212.03                              | 26.60  | 27.01  | 8.21                                 |
| 1,283               | 4,254   | 12,151                                   | 12,293.51                             | 142.51                              | 25.30  | 24.62  | 7.86                                 |
| 1,583               | 10,852  | 36,412                                   | 37,166.49                             | 754.49                              | 28.10  | 26.95  | 9.23                                 |
| 4,502               | 19,848  | 56,944                                   | 55,705.49                             | 1,238.51                            | 27.80  | 28.20  | 7.89                                 |
| 6,222               | 21,576  | 67,670                                   | 68,176.14                             | 506.14                              | 28.20  | 27.43  | 8.63                                 |
| 69,097              | 487,604                                       | 1,216,879                                | 1,196,559.99                          | 20,319.01                           | 24.30  | 24.53  | 6.86                                 |
| 6,200               | 24,260  | 69,686                                   | 69,409.32                             | 276.68                              | 26.90  | 26.74  | 7.90                                 |
| 1,416               | 5,641   | 15,333                                   | 15,167.48                             | 165.52                              | 25.60  | 24.97  | 7.48                                 |
| 299                 | 2,728   | 8,083                                    | 8,074.66                              | 8.34                                | 27.50  | 27.11  | 8.15                                 |
| 93,618              | 505,185                                       | 1,384,699                                | 1,379,418.66                          | 5,280.34                            | 26.40  | 26.24  | 7.54                                 |
| 2,447               | 6,010   | 19,602                                   | 19,241.55                             | 360.45                              | 26.90  | 26.80  | 8.97                                 |
| 3,218               | 9,235   | 25,073                                   | 25,171.13                             | 98.13                               | 24.10  | 23.79  | 7.47                                 |
| 7,719               | 84,507  | 217,427                                  | 217,181.17                            | 245.83                              | 25.30  | 24.78  | 7.08                                 |
| 5,673               | 16,982  | 53,464                                   | 53,647.98                             | 183.98                              | 27.70  | 27.37  | 8.66                                 |
| 49,181              | 186,069                                       | 481,260                                  | 476,009.40                            | 5,250.60                            | 24.80  | 24.95  | 7.11                                 |
| 1,809               | 6,857   | 18,605                                   | 18,942.11                             | 337.11                              | 25.70  | 24.80  | 7.46                                 |
| 4,225               | 12,946  | 37,750                                   | 37,172.31                             | 577.69                              | 27.30  | 27.02  | 8.02                                 |
| 30,495              | 249,829                                       | 630,251                                  | 627,394.19                            | 2,856.81                            | 24.60  | 24.42  | 6.94                                 |
| 5,929               | 23,991  | 61,576                                   | 61,638.15                             | 62.15                               | 25.10  | 24.72  | 7.06                                 |
| 7,269               | 150,463                                       | 398,067                                  | 402,943.77                            | 4,876.77                            | 25.80  | 25.50  | 7.28                                 |
| 1,370               | 3,677   | 10,617                                   | 10,697.99                             | 80.99                               | 24.40  | 23.90  | 7.94                                 |
| 5,455               | 25,534  | 66,137                                   | 65,908.88                             | 228.12                              | 25.40  | 24.84  | 7.12                                 |
| 773                 | 2,556   | 7,532                                    | 7,538.15                              | 6.15                                | 25.40  | 24.77  | 8.10                                 |
| 623,357             | 2,403,738                                     | 6,167,931                                | 6,003,593.80                          | 164,337.20                          | 24.70  | 25.34  | 7.06                                 |
| 11,372              | 48,137  | 120,214                                  | 120,976.16                            | 762.16                              | 23.00  | 22.53  | 6.87                                 |
| 9,462               | 35,807  | 95,174                                   | 93,557.86                             | 1,616.14                            | 26.30  | 26.95  | 7.31                                 |
| 91,206              | 405,892                                       | 1,068,614                                | 1,053,506.15                          | 15,107.85                           | 25.40  | 25.52  | 7.24                                 |
| 1,328               | 3,677   | 9,937                                    | 9,864.31                              | 72.69                               | 24.20  | 23.61  | 7.43                                 |
| 2,011               | 7,993   | 24,866                                   | 23,829.00                             | 1,037.00                            | 28.50  | 28.37  | 8.56                                 |
| 242,836             | 1,247,632                                     | 3,094,282                                | 3,062,995.31                          | 31,286.69                           | 25.60  | 25.66  | 6.82                                 |
| 2,526               | 7,053   | 21,517                                   | 21,618.34                             | 101.34                              | 27.20  | 26.92  | 8.39                                 |
| 14,431,142          | 78,674,151                                    | 200,198,916                              | 198,337,179.16                        | 1,861,736.84                        | .....  | .....  | .....                                |

notes on following page.

## NOTES

1. Certain functions in the production and supply of power are considered to be used by all customers in relation to kilowatt demand requirements. Therefore the associated costs are allocated at a common rate to all customers.
2. Stage I transformation and metering costs are those associated with transformation at high-voltage stations from 115 kv to 44 kv, 27.6 kv, 13.8 kv or similar voltages. These costs are allocated on a kilowatt basis to all customers requiring the service. Stage II transformation and metering costs are those associated with transformation at low-voltage stations from 44 kv, 27.6 kv, 13.8 kv or similar voltages to the voltage at which delivery is made to the customer. These costs are allocated on a kilowatt basis to all customers requiring the service.
3. Special facilities costs are those costs associated with line facilities within a municipality's boundaries that serve only that municipality.
4. The portion of the cost of power attributable to producing energy, rather than meeting demand requirements, has been classified as energy cost. For allocation purposes, this cost has been established at 2.75 mills per kilowatt-hour.
5. With reference to the 1966 allocation of cost see also notes 8 and 9 on page 35.
6. The demand rate is the per kilowatt cost of primary power excluding the amount allocated for energy at 2.75 mills per kilowatt-hour.
7. The asterisk indicates that this particular utility operates its own generating facilities for the supply of part of its power requirement. The figures shown in this statement relate only to the power and energy supplied by The Hydro-Electric Power Commission of Ontario. For more complete details on the cost of providing service within any municipal electrical utility, the reader is referred to the statements in the Municipal Electrical Service Supplement beginning on page 155.

**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES**

**for the Year Ended December 31, 1966**

| Municipality      | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|-------------------|---------------------------------|--|--|--|---------------------------------|
|                   | \$                              | \$   | \$   | \$   | \$                              |
| Acton.....        | 550,910.69                      | 5,807.48                                   | 27,329.00  | .....  | 584,047.17                      |
| Ailsa Craig ..... | 60,401.67                       | 689.48                                     | 2,336.00   | .....  | 63,427.15                       |
| Ajax.....         | 281,531.84                      | 2,286.62                                   | 49,747.00  | .....  | 333,565.46                      |
| Alexandria.....   | 225,003.71                      | 2,141.53                                   | 17,451.00  | .....  | 244,596.24                      |
| Alfred.....       | 24,474.99                       | 186.08                                     | 4,534.00   | .....  | 29,195.07                       |
| Alliston.....     | 230,376.16                      | 2,194.26                                   | 17,628.00  | .....  | 250,198.42                      |
| Almonte.....      | 118,898.83                      | 1,162.80                                   | 12,575.00  | .....  | 132,636.63                      |
| Alvinston.....    | 64,580.88                       | 661.45                                     | 1,562.00   | .....  | 66,804.33                       |
| Amherstburg.....  | 443,049.13                      | 4,602.68                                   | 21,747.00  | .....  | 469,398.81                      |
| Ancaster Twp..... | 205,756.33                      | 2,095.44                                   | 14,260.00  | .....  | 222,111.77                      |
| Apple Hill.....   | 17,591.14                       | 174.00                                     | 681.00   | .....  | 18,446.14                       |
| Arkona.....       | 47,169.36                       | 452.13                                     | 1,603.00   | .....  | 49,224.49                       |
| Arnprior.....     | 375,543.56                      | 4,093.15                                   | 32,186.00  | .....  | 411,822.71                      |
| Arthur.....       | 106,405.62                      | 1,188.79                                   | 5,128.00   | .....  | 112,722.41                      |
| Athens.....       | 54,453.51                       | 507.44                                     | 3,013.00   | .....  | 57,973.95                       |
| Atikokan Twp..... | 195,981.87                      | 71,116.66                                  | 21,343.00  | .....  | 288,441.53                      |
| Aurora.....       | 370,817.79                      | 3,689.46                                   | 38,173.00  | .....  | 412,680.25                      |
| Avonmore.....     | 9,720.01                        | 79.47                                      | 989.00   | .....  | 10,788.48                       |
| Aylmer.....       | 427,846.39                      | 4,477.60                                   | 24,923.00  | .....  | 457,246.99                      |
| Ayr.....          | 97,315.22                       | 1,019.88                                   | 4,849.00   | .....  | 103,184.10                      |
| Baden.....        | 140,624.63                      | 1,534.96                                   | 5,105.00   | .....  | 147,264.59                      |
| Bancroft.....     | 81,037.64                       | 773.44                                     | 7,701.00   | .....  | 89,512.08                       |
| Barrie.....       | 1,598,600.13                    | 15,786.67                                  | 134,238.00   | .....  | 1,748,624.80                    |
| Barry's Bay.....  | 28,265.59                       | 268.08                                     | 3,411.00   | .....  | 31,944.67                       |
| Bath.....         | 31,181.52                       | 301.91                                     | 2,264.00   | .....  | 33,747.43                       |
| Beachburg.....    | 19,272.26                       | 23.64                                      | 2,136.00   | .....  | 21,431.90                       |
| Beachville.....   | 264,985.73                      | 2,921.77                                   | 13,097.00  | .....  | 281,004.50                      |
| Beamsville.....   | 156,573.19                      | 1,550.54                                   | 11,002.00  | 185.97   | 169,311.70                      |
| Beaverton.....    | 132,482.67                      | 1,406.94                                   | 7,984.00   | .....  | 141,873.61                      |
| Beeton.....       | 79,211.94                       | 771.32                                     | 3,364.00   | .....  | 83,347.26                       |
| Belle River.....  | 94,048.29                       | 959.20                                     | 5,461.00   | .....  | 100,468.49                      |
| Belleville.....   | 2,141,740.55                    | 20,999.90                                  | 143,985.00   | .....  | 2,306,725.45                    |
| Belmont.....      | 23,386.41                       | .....                                      | 6,023.00   | .....  | 29,409.41                       |
| Blenheim.....     | 223,543.41                      | 2,382.41                                   | 10,789.00  | .....  | 236,714.82                      |
| Bloomfield.....   | 56,539.87                       | 559.86                                     | 2,756.00   | .....  | 59,855.73                       |
| Blyth.....        | 84,953.73                       | 841.77                                     | 4,226.00   | .....  | 90,021.50                       |
| Bobcaygeon.....   | 58,436.09                       | 591.30                                     | 5,926.00   | .....  | 64,953.39                       |
| Bolton.....       | 116,720.22                      | 1,217.97                                   | 8,490.00   | .....  | 126,428.19                      |
| Bothwell.....     | 69,624.39                       | 810.22                                     | 2,902.00   | .....  | 73,336.61                       |
| Bowmanville.....  | 751,811.54                      | 7,622.19                                   | 50,767.00  | .....  | 810,200.73                      |
| Bracebridge.....  | 9,858.52                        | 44.55                                      | 5,213.00   | .....  | 15,116.07                       |
| Bradford.....     | 177,696.61                      | 1,766.17                                   | 11,970.00  | .....  | 191,432.78                      |
| Braeside.....     | 68,526.02                       | 559.23                                     | 10,217.00  | .....  | 79,302.25                       |
| Brampton.....     | 1,374,857.59                    | 12,626.38                                  | 161,260.00   | .....  | 1,548,743.97                    |
| Brantford.....    | 6,177,523.91                    | 65,970.02                                  | 309,928.00   | .....  | 6,553,421.93                    |



**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES**

**for the Year Ended December 31, 1966**

| Municipality          | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|-----------------------|---------------------------------|--|--|--|---------------------------------|
|                       | \$                              | \$   | \$   | \$   | \$                              |
| Brantford Twp. ....   | 435,015.16                      | 4,201.73                                   | 47,981.00  | .....  | 487,197.89                      |
| Brechin .....         | 24,609.76                       | 274.30                                     | 874.00   | .....  | 25,758.06                       |
| Bridgeport .....      | 85,826.18                       | 837.91                                     | 7,012.00   | .....  | 93,676.09                       |
| Brigden .....         | 50,067.60                       | 538.26                                     | 1,547.00   | .....  | 52,152.86                       |
| Brighton .....        | 155,441.57                      | 1,560.54                                   | 10,795.00  | .....  | 167,797.11                      |
| <br>Brockville .....  | <br>1,641,112.17                | <br>17,549.86                              | <br>108,006.00   | <br>2,150.64                                     | <br>1,768,818.67                |
| Brussels .....        | 94,884.84                       | 954.88                                     | 3,747.00   | .....  | 99,586.72                       |
| Burford .....         | 97,554.42                       | 1,052.50                                   | 4,820.00   | .....  | 103,426.92                      |
| Burgessville .....    | 29,449.02                       | 317.78                                     | 1,322.00   | .....  | 31,088.80                       |
| Burk's Falls .....    | 43,109.61                       | 392.92                                     | 4,447.00   | .....  | 47,949.53                       |
| <br>Burlington .....  | <br>1,700,145.51                | <br>14,691.70                              | <br>259,387.00   | <br>.....  | <br>1,974,224.21                |
| Cache Bay .....       | 12,442.79                       | 17,736.53                                  | 980.00   | .....  | 31,159.32                       |
| Caledonia .....       | 142,764.31                      | 1,474.16                                   | 7,036.00   | .....  | 151,274.47                      |
| Campbellford .....    | 27,406.91                       | 118.71                                     | 9,335.00   | .....  | 36,860.62                       |
| Campbellville .....   | 22,000.21                       | 220.10                                     | 941.00   | .....  | 23,161.31                       |
| <br>Cannington .....  | <br>88,804.88                   | <br>973.10                                 | <br>4,284.00   | <br>.....  | <br>94,061.98                   |
| Capreol .....         | 52,302.48                       | 80,974.93                                  | 11,661.00  | .....  | 144,938.41                      |
| Cardinal .....        | 100,259.29                      | 1,079.14                                   | 5,059.00   | .....  | 106,397.43                      |
| Carleton Place .....  | 536,514.87                      | 5,400.35                                   | 19,157.00  | .....  | 561,072.22                      |
| Casselman .....       | 42,552.99                       | 387.11                                     | 4,832.00   | .....  | 47,772.10                       |
| <br>Cayuga .....      | <br>68,205.59                   | <br>658.40                                 | <br>3,295.00   | <br>.....  | <br>72,158.99                   |
| Chalk River .....     | 27,393.55                       | 264.33                                     | 3,038.00   | .....  | 30,695.88                       |
| Chapleau Twp. ....    | 1,827.00                        | 28,773.81                                  | 7,667.00   | .....  | 38,267.81                       |
| Chatham .....         | 2,590,006.00                    | 27,538.57                                  | 156,446.00   | 165.74   | 2,774,156.31                    |
| Chatsworth .....      | 36,068.57                       | 402.61                                     | 1,582.00   | .....  | 38,053.18                       |
| <br>Chesley .....     | <br>205,742.53                  | <br>2,260.61                               | <br>7,532.00   | <br>.....  | <br>215,535.14                  |
| Chesterville .....    | 162,980.61                      | 1,743.15                                   | 8,865.00   | .....  | 173,588.76                      |
| Chippawa .....        | 131,161.43                      | 1,295.96                                   | 8,959.00   | .....  | 141,416.39                      |
| Clifford .....        | 54,827.51                       | 551.48                                     | 2,217.00   | .....  | 57,595.99                       |
| Clinton .....         | 298,109.44                      | 3,192.38                                   | 14,100.00  | .....  | 315,401.82                      |
| <br>Cobden .....      | <br>53,078.08                   | <br>560.30                                 | <br>3,921.00   | <br>.....  | <br>57,559.38                   |
| Cobourg .....         | 886,940.43                      | 9,109.96                                   | 71,369.00  | .....  | 967,419.39                      |
| Cochrane .....        | 66,419.59                       | 51,303.72                                  | 20,016.00  | .....  | 137,739.31                      |
| Colborne .....        | 89,598.06                       | 921.24                                     | 6,255.00   | .....  | 96,774.30                       |
| Coldwater .....       | 75,772.88                       | 746.44                                     | 3,685.00   | .....  | 80,204.32                       |
| <br>Collingwood ..... | <br>815,454.88                  | <br>8,927.34                               | <br>41,675.00  | <br>.....  | <br>866,057.22                  |
| Comber .....          | 69,208.13                       | 768.01                                     | 1,980.00   | .....  | 71,956.14                       |
| Coniston .....        | 24,867.74                       | 10,864.59                                  | 6,644.00   | .....  | 42,376.33                       |
| Cookstown .....       | 43,524.74                       | 438.54                                     | 2,511.00   | .....  | 46,474.28                       |
| Cottam .....          | 36,966.38                       | 358.02                                     | 1,561.00   | .....  | 38,885.40                       |
| <br>Courtright .....  | <br>31,364.34                   | <br>307.49                                 | <br>1,306.00   | <br>.....  | <br>32,977.83                   |
| Creemore .....        | 68,555.14                       | 720.90                                     | 3,417.00   | .....  | 72,693.04                       |
| Dashwood .....        | 48,334.72                       | 521.48                                     | 2,086.00   | .....  | 50,942.20                       |
| Deep River .....      | 134,133.69                      | 927.77                                     | 23,378.00  | .....  | 158,439.46                      |
| Delaware .....        | 29,109.70                       | 318.04                                     | 1,428.00   | .....  | 30,855.74                       |

**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES**

**for the Year Ended December 31, 1966**

| Municipality         | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|----------------------|---------------------------------|--|--|--|---------------------------------|
|                      | \$                              | \$   | \$   | \$   | \$                              |
| Delhi .....          | 209,930.25                      | 2,215.70                                   | 15,269.00  | .....  | 227,414.95                      |
| Deseronto .....      | 108,985.31                      | 1,114.43                                   | 6,492.00   | .....  | 116,591.74                      |
| Dorchester .....     | 51,437.30                       | 519.85                                     | 2,872.00   | .....  | 54,829.15                       |
| Drayton .....        | 67,248.85                       | 676.14                                     | 2,582.00   | .....  | 70,506.99                       |
| Dresden .....        | 202,757.43                      | 2,076.16                                   | 10,336.00  | .....  | 215,169.59                      |
| Drumbo .....         | 39,462.02                       | 420.74                                     | 1,418.00   | .....  | 41,300.76                       |
| Dryden .....         | 176,932.80                      | 10,671.03                                  | 23,425.00  | 2,073.86   | 213,102.69                      |
| Dublin .....         | 32,915.68                       | 325.72                                     | 1,643.00   | .....  | 34,884.40                       |
| Dundalk .....        | 85,443.23                       | 894.91                                     | 4,876.00   | .....  | 91,214.14                       |
| Dundas .....         | 909,471.37                      | 9,667.06                                   | 62,356.00  | .....  | 981,494.43                      |
| Dunnville .....      | 488,297.19                      | 5,095.04                                   | 22,297.00  | .....  | 515,689.23                      |
| Durham .....         | 195,574.91                      | 2,049.49                                   | 11,448.00  | .....  | 209,072.40                      |
| Dutton .....         | 89,083.34                       | 950.64                                     | 2,434.00   | .....  | 92,467.98                       |
| East York Twp. ....  | 3,725,984.14                    | 38,610.80                                  | 220,510.00   | .....  | 3,985,104.94                    |
| Eganville .....      | 30,223.31                       | 266.75                                     | 4,073.00   | .....  | 34,563.06                       |
| Elmira .....         | 496,319.47                      | 5,210.57                                   | 30,981.00  | .....  | 532,511.04                      |
| Elmvale .....        | 82,255.69                       | 873.98                                     | 4,470.00   | .....  | 87,599.67                       |
| Elmwood .....        | 30,196.50                       | 312.40                                     | 1,163.00   | .....  | 31,671.90                       |
| Elora .....          | 168,255.31                      | 1,865.34                                   | 5,383.00   | .....  | 175,503.65                      |
| Embro .....          | 59,020.16                       | 640.37                                     | 2,504.00   | .....  | 62,164.53                       |
| Embrun .....         | 781.00                          | .....                                      | 4,960.00   | 23,255.71  | 28,996.71                       |
| Erieau .....         | 61,002.53                       | 613.15                                     | 2,672.00   | .....  | 64,287.68                       |
| Erie Beach .....     | 10,740.06                       | 100.58                                     | 478.00   | .....  | 11,318.64                       |
| Erin .....           | 38,641.63                       | 386.88                                     | 4,451.00   | .....  | 43,479.51                       |
| Espanola .....       | 57,372.61                       | 139.83                                     | 16,577.00  | 547.21   | 74,636.65                       |
| Essex .....          | 231,673.35                      | 2,394.78                                   | 11,898.00  | .....  | 245,966.13                      |
| Etobicoke Twp. ....  | 7,862,786.56                    | 73,013.33                                  | 1,009,052.00   | .....  | 8,944,851.89                    |
| Exeter .....         | 301,547.71                      | 3,250.08                                   | 14,209.00  | .....  | 319,006.79                      |
| Fergus .....         | 480,327.64                      | 5,023.62                                   | 27,407.00  | 175.81   | 512,934.07                      |
| Finch .....          | 37,894.12                       | 367.71                                     | 1,724.00   | .....  | 39,985.83                       |
| Flesherton .....     | 43,037.80                       | 444.94                                     | 2,492.00   | .....  | 45,974.74                       |
| Fonthill .....       | 108,418.47                      | 1,090.13                                   | 7,871.00   | .....  | 117,379.60                      |
| Forest .....         | 231,087.77                      | 2,395.58                                   | 8,895.00   | .....  | 242,378.35                      |
| Forest Hill .....    | 1,742,211.22                    | 17,665.26                                  | 96,280.00  | .....  | 1,856,156.48                    |
| Fort William .....   | 6,821,075.44                    | 74,650.96                                  | 214,485.00   | .....  | 7,110,211.40                    |
| Frankford .....      | 48,513.75                       | 485.63                                     | 5,780.00   | .....  | 54,779.38                       |
| Galt .....           | 3,285,747.10                    | 35,276.27                                  | 178,192.00   | 111.00   | 3,499,326.37                    |
| Georgetown .....     | 803,076.17                      | 8,155.94                                   | 52,377.00  | .....  | 863,609.11                      |
| Glencoe .....        | 108,705.18                      | 1,067.82                                   | 4,270.00   | .....  | 114,043.00                      |
| Gloucester Twp. .... | 30,855.00                       | .....                                      | 89,021.00  | 409,992.01                                       | 529,868.01                      |
| Goderich .....       | 770,913.58                      | 8,071.66                                   | 40,491.00  | .....  | 819,476.24                      |
| Grand Bend .....     | 77,943.62                       | 801.10                                     | 4,787.00   | .....  | 83,531.72                       |
| Grand Valley .....   | 75,692.09                       | 838.94                                     | 3,319.00   | .....  | 79,850.03                       |
| Granton .....        | 29,614.83                       | 333.26                                     | 866.00   | .....  | 30,814.09                       |
| Gravenhurst .....    | 314,574.15                      | 3,424.94                                   | 14,792.00  | .....  | 332,791.09                      |

**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES**

**for the Year Ended December 31, 1966**

| Municipality           | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|------------------------|---------------------------------|--|--|--|---------------------------------|
|                        | \$                              | \$   | \$   | \$   | \$                              |
| Grimsby .....          | 243,278.27                      | 2,563.07                                   | 20,666.00  | .....  | 266,507.34                      |
| Guelph .....           | 4,066,832.66                    | 42,671.99                                  | 281,891.00   | 95,652.65  | 4,487,048.30                    |
| Hagersville .....      | 339,742.45                      | 3,751.95                                   | 9,592.00   | .....  | 353,086.40                      |
| Hamilton .....         | 41,109,633.67                   | 411,271.63                                 | 2,663,483.00   | .....  | 44,184,388.30                   |
| Hanover .....          | 499,371.86                      | 5,710.37                                   | 33,539.00  | .....  | 538,621.23                      |
| Harriston .....        | 199,166.51                      | 2,194.03                                   | 8,834.00   | .....  | 210,194.54                      |
| Harrow .....           | 205,827.24                      | 2,110.97                                   | 9,265.00   | .....  | 217,203.21                      |
| Hastings .....         | 50,769.88                       | 504.75                                     | 3,507.00   | .....  | 54,781.63                       |
| Havelock .....         | 83,997.45                       | 772.22                                     | 3,613.00   | .....  | 88,382.67                       |
| Hawkesbury .....       | 159,455.07                      | 1,321.27                                   | 28,873.00  | 324.64   | 189,973.98                      |
| Hearst .....           | 39,101.64                       | 67,247.76                                  | 14,026.00  | .....  | 120,375.40                      |
| Hensall .....          | 111,218.81                      | 1,169.88                                   | 5,342.00   | .....  | 117,730.69                      |
| Hespeler .....         | 807,540.93                      | 8,538.59                                   | 39,007.00  | .....  | 855,086.52                      |
| Highgate .....         | 42,371.64                       | 467.25                                     | 981.00   | .....  | 43,819.89                       |
| Holstein .....         | 16,037.33                       | 169.45                                     | 703.00   | .....  | 16,909.78                       |
| Huntsville .....       | 406,851.69                      | 4,594.20                                   | 16,463.00  | .....  | 427,908.89                      |
| Ingersoll .....        | 946,272.48                      | 10,200.39                                  | 36,318.00  | .....  | 992,790.87                      |
| Iroquois .....         | 72,679.60                       | 811.48                                     | 5,146.00   | .....  | 78,637.08                       |
| Jarvis .....           | 77,582.43                       | 756.14                                     | 2,369.00   | 1,132.69   | 81,840.26                       |
| Kapuskasing .....      | 98,768.37                       | 78,738.26                                  | 25,802.00  | .....  | 203,308.63                      |
| Kemptville .....       | 195,655.22                      | 1,924.07                                   | 11,888.00  | .....  | 209,467.29                      |
| Killaloe Station ..... | 18,187.68                       | 161.87                                     | 2,232.00   | .....  | 20,581.55                       |
| Kincardine .....       | 334,822.31                      | 3,319.64                                   | 13,982.00  | .....  | 352,123.95                      |
| King City .....        | 40,291.73                       | .....                                      | 6,698.00   | .....  | 46,989.73                       |
| Kingston .....         | 3,589,071.66                    | 37,630.27                                  | 373,627.00   | .....  | 4,000,328.93                    |
| Kingsville .....       | 274,507.82                      | 2,753.79                                   | 12,358.00  | .....  | 289,619.61                      |
| Kirkfield .....        | 16,504.25                       | 170.64                                     | 699.00   | .....  | 17,373.89                       |
| Kitchener .....        | 8,368,291.01                    | 87,123.73                                  | 530,021.00   | 3,181.28   | 8,988,617.02                    |
| Lakefield .....        | 155,511.04                      | 1,565.75                                   | 9,760.00   | .....  | 166,836.79                      |
| Lambeth .....          | 95,532.06                       | 968.54                                     | 7,594.00   | .....  | 104,094.60                      |
| Lanark .....           | 47,411.16                       | 458.77                                     | 2,414.00   | .....  | 50,283.93                       |
| Lancaster .....        | 37,297.01                       | 356.49                                     | 1,968.00   | .....  | 39,621.50                       |
| Larder Lake Twp. ....  | 26,068.75                       | 32,075.97                                  | 4,481.00   | .....  | 62,625.72                       |
| Latchford .....        | 5,109.40                        | 4,170.15                                   | 1,082.00   | 30.98  | 10,392.53                       |
| Leamington .....       | 781,523.45                      | 7,854.83                                   | 44,661.00  | .....  | 834,039.28                      |
| Lindsay .....          | 1,080,832.54                    | 10,685.13                                  | 72,324.00  | .....  | 1,163,841.67                    |
| Listowel .....         | 491,311.44                      | 5,124.52                                   | 24,252.00  | .....  | 520,687.96                      |
| London .....           | 13,483,944.02                   | 136,820.90                                 | 833,527.00   | .....  | 14,454,291.92                   |
| Long Branch .....      | 614,762.51                      | 6,486.73                                   | 43,093.00  | .....  | 664,342.24                      |
| L'Orignal .....        | 22,930.10                       | 198.45                                     | 3,747.00   | .....  | 26,875.55                       |
| Lucan .....            | 91,768.59                       | 1,032.13                                   | 3,792.00   | .....  | 96,592.72                       |
| Lucknow .....          | 137,125.48                      | 1,312.28                                   | 5,450.00   | .....  | 143,887.76                      |
| Lynden .....           | 50,089.36                       | 583.34                                     | 2,341.00   | 42.33  | 53,056.03                       |
| Madoc .....            | 105,940.90                      | 1,078.20                                   | 6,081.00   | .....  | 113,100.10                      |
| Magnetawan .....       | 7,011.12                        | 70.47                                      | 693.00   | .....  | 7,774.59                        |



# STATEMENT OF EQUITIES ACCUMULATED THROUGH DEBT RETIREMENT CHARGES

for the Year Ended December 31, 1966

| Municipality        | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|---------------------|---------------------------------|--|--|--|---------------------------------|
|                     | \$                              | \$   | \$   | \$   | \$                              |
| Markdale.....       | 83,767.55                       | 875.86                                     | 4,902.00   | .....  | 89,545.41                       |
| Markham.....        | 246,053.84                      | 2,285.41                                   | 31,259.00  | .....  | 279,598.25                      |
| Marmora.....        | 77,036.75                       | 778.00                                     | 4,686.00   | .....  | 82,500.75                       |
| Martintown.....     | 18,111.53                       | 185.62                                     | 964.00   | .....  | 19,261.15                       |
| Massey.....         | 13,622.54                       | 10,506.20                                  | 3,116.00   | .....  | 27,244.74                       |
| Maxville.....       | 67,082.05                       | 647.25                                     | 3,710.00   | .....  | 71,439.30                       |
| McGarry Twp.....    | 24,045.95                       | 35,267.97                                  | 4,114.00   | .....  | 63,427.92                       |
| Meaford.....        | 332,109.03                      | 3,328.54                                   | 18,519.00  | .....  | 353,956.57                      |
| Merlin.....         | 55,204.75                       | 557.12                                     | 2,321.00   | .....  | 58,082.87                       |
| Merrickville.....   | 33,237.74                       | 349.86                                     | 3,438.00   | .....  | 37,025.60                       |
| Midland.....        | 1,179,035.78                    | 12,175.92                                  | 56,345.00  | .....  | 1,247,556.70                    |
| Mildmay.....        | 53,669.55                       | 567.29                                     | 3,312.00   | .....  | 57,548.84                       |
| Millbrook.....      | 42,261.07                       | 456.98                                     | 2,967.00   | .....  | 45,685.05                       |
| Milton.....         | 547,106.68                      | 6,208.59                                   | 31,322.00  | 870.73   | 585,508.00                      |
| Milverton.....      | 176,584.75                      | 2,033.99                                   | 6,089.00   | .....  | 184,707.74                      |
| Mimico.....         | 995,067.72                      | 10,299.43                                  | 51,856.00  | .....  | 1,057,223.15                    |
| Mitchell.....       | 264,721.34                      | 2,838.33                                   | 13,680.00  | .....  | 281,239.67                      |
| Moorefield.....     | 35,826.65                       | 352.23                                     | 2,110.00   | .....  | 38,288.88                       |
| Morrisburg.....     | 116,378.37                      | 1,297.55                                   | 8,238.00   | .....  | 125,913.92                      |
| Mount Brydges.....  | 48,497.16                       | 493.82                                     | 2,593.00   | .....  | 51,583.98                       |
| Mount Forest.....   | 241,461.63                      | 2,529.34                                   | 13,349.00  | .....  | 257,339.97                      |
| Napanee.....        | 447,394.27                      | 4,532.98                                   | 20,802.00  | .....  | 472,729.25                      |
| Nepean Twp.....     | 667,301.91                      | .....                                      | 186,427.00   | 78,010.77  | 775,718.14                      |
| Neustadt.....       | 37,651.31                       | 382.02                                     | 2,667.00   | .....  | 40,700.33                       |
| Newboro.....        | 7,339.48                        | 77.87                                      | 792.00   | .....  | 8,209.35                        |
| Newburg.....        | 19,090.25                       | 201.32                                     | 1,723.00   | .....  | 21,014.57                       |
| Newbury.....        | 22,749.48                       | 234.49                                     | 811.00   | .....  | 23,794.97                       |
| Newcastle.....      | 79,510.64                       | 858.05                                     | 6,672.00   | .....  | 87,040.69                       |
| New Hamburg.....    | 237,851.15                      | 2,576.57                                   | 10,088.00  | .....  | 250,515.72                      |
| Newmarket.....      | 468,185.58                      | 4,941.89                                   | 43,891.00  | .....  | 517,018.47                      |
| New Toronto.....    | 3,261,180.82                    | 33,307.62                                  | 175,186.00   | .....  | 3,469,674.44                    |
| Niagara.....        | 233,606.34                      | 2,508.46                                   | 9,959.00   | .....  | 246,073.80                      |
| Niagara Falls.....  | 4,097,772.61                    | 42,950.48                                  | 213,253.00   | 365.31   | 4,354,341.40                    |
| Nipigon Twp.....    | 163,962.37                      | 1,803.82                                   | 10,304.00  | .....  | 176,070.19                      |
| North Bay.....      | 397,825.67                      | 1,385,017.74                               | 89,794.00  | .....  | 1,872,637.41                    |
| North York Twp..... | 10,806,742.41                   | 99,646.05                                  | 1,566,085.00   | .....  | 12,472,473.46                   |
| Norwich.....        | 163,352.19                      | 1,877.28                                   | 4,927.00   | .....  | 170,156.47                      |
| Norwood.....        | 70,032.72                       | 702.39                                     | 3,920.00   | .....  | 74,655.11                       |
| Oakville.....       | 2,373,841.09                    | 16,019.69                                  | 450,399.00   | .....  | 2,840,259.78                    |
| Oil Springs.....    | 82,840.43                       | 902.03                                     | 1,968.00   | .....  | 85,710.46                       |
| Omenee.....         | 43,651.56                       | 476.61                                     | 2,849.00   | .....  | 46,977.17                       |
| Orangeville.....    | 385,640.14                      | 3,934.79                                   | 24,937.00  | .....  | 414,511.93                      |
| Orillia.....        | 314,600.08                      | 2,749.21                                   | 44,401.00  | .....  | 361,750.29                      |
| Orono.....          | 42,872.36                       | 433.68                                     | 4,202.00   | .....  | 47,508.04                       |
| Oshawa.....         | 6,647,658.92                    | 64,180.52                                  | 531,979.00   | .....  | 7,243,818.44                    |

**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES**

**for the Year Ended December 31, 1966**

| Municipality         | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|----------------------|---------------------------------|--|--|--|---------------------------------|
|                      | \$                              | \$   | \$   | \$   | \$                              |
| Ottawa.....          | 11,012,845.41                   | 108,440.61                                 | 1,219,255.00   | .....  | 12,340,541.02                   |
| Otterville.....      | 53,894.79                       | 577.71                                     | 2,251.00   | .....  | 56,723.50                       |
| Owen sound.....      | 1,646,984.08                    | 17,648.44                                  | 77,569.00  | .....  | 1,742,201.52                    |
| Paisley.....         | 72,953.47                       | 710.71                                     | 2,979.00   | .....  | 76,643.18                       |
| Palmerston.....      | 212,542.70                      | 2,279.11                                   | 7,175.00   | .....  | 221,996.81                      |
| Paris.....           | 567,328.16                      | 6,030.21                                   | 26,038.00  | .....  | 599,396.37                      |
| Parkhill.....        | 126,220.25                      | 1,279.60                                   | 5,697.00   | .....  | 133,196.85                      |
| Parry Sound.....     | 156,539.69                      | 1,470.74                                   | 20,157.00  | .....  | 178,167.43                      |
| Penetanguishene..... | 346,297.97                      | 3,775.52                                   | 17,400.00  | .....  | 367,473.49                      |
| Perth.....           | 552,037.15                      | 5,438.86                                   | 28,473.00  | .....  | 585,949.01                      |
| Peterborough.....    | 4,217,136.77                    | 42,478.61                                  | 275,190.00   | 14,451.12  | 4,549,256.50                    |
| Petrolia.....        | 416,681.11                      | 4,482.59                                   | 14,486.00  | .....  | 435,649.70                      |
| Pickering.....       | 32,831.74                       | 212.26                                     | 5,978.00   | .....  | 39,022.00                       |
| Pictou.....          | 494,651.36                      | 4,874.71                                   | 23,579.00  | .....  | 523,105.07                      |
| Plantagenet.....     | 20,547.39                       | .....                                      | 3,523.00   | .....  | 24,070.39                       |
| Plattsville.....     | 73,048.95                       | 787.15                                     | 4,507.00   | .....  | 78,343.10                       |
| Point Edward.....    | 537,038.83                      | 5,581.16                                   | 36,055.00  | .....  | 578,674.99                      |
| Port Arthur.....     | 11,784,387.40                   | 113,841.49                                 | 262,907.00   | .....  | 12,161,135.89                   |
| Port Burwell.....    | 30,092.22                       | 306.05                                     | 1,558.00   | .....  | 31,956.27                       |
| Port Colborne.....   | 932,190.65                      | 8,535.25                                   | 75,317.00  | .....  | 1,016,042.90                    |
| Port Credit.....     | 788,416.03                      | 7,160.58                                   | 84,115.00  | .....  | 879,691.61                      |
| Port Dover.....      | 239,578.37                      | 2,444.02                                   | 13,458.00  | 1,040.00   | 256,520.39                      |
| Port Elgin.....      | 172,892.22                      | 1,761.49                                   | 10,810.00  | .....  | 185,463.71                      |
| Port Hope.....       | 848,628.38                      | 9,091.08                                   | 48,346.00  | .....  | 906,065.46                      |
| Port McNicoll.....   | 102,919.47                      | 1,156.56                                   | 7,161.00   | .....  | 111,237.03                      |
| Port Perry.....      | 161,512.12                      | 1,573.55                                   | 10,591.00  | .....  | 173,676.67                      |
| Port Rowan.....      | 49,496.00                       | 468.90                                     | 1,855.00   | .....  | 51,819.90                       |
| Port Stanley.....    | 211,654.10                      | 2,349.56                                   | 6,092.00   | .....  | 220,095.66                      |
| Prescott.....        | 413,375.89                      | 4,323.07                                   | 22,752.00  | .....  | 440,450.96                      |
| Preston.....         | 1,309,160.14                    | 14,258.94                                  | 65,289.00  | .....  | 1,388,708.08                    |
| Priceville.....      | 6,896.20                        | 65.36                                      | 345.00   | .....  | 7,306.56                        |
| Princeton.....       | 51,268.76                       | 522.39                                     | 1,673.00   | .....  | 53,464.15                       |
| Queenston.....       | 44,845.77                       | 468.49                                     | 2,136.00   | .....  | 47,450.26                       |
| Rainy River.....     | 13,337.90                       | 12,324.79                                  | 3,791.00   | .....  | 29,453.69                       |
| Red Rock.....        | 67,184.45                       | 772.88                                     | 4,983.00   | .....  | 72,940.33                       |
| Renfrew.....         | 285,138.16                      | 2,946.30                                   | 30,675.00  | .....  | 318,759.46                      |
| Richmond.....        | 49,043.88                       | 446.37                                     | 5,401.00   | .....  | 54,891.25                       |
| Richmond Hill.....   | 584,262.91                      | 5,256.55                                   | 71,654.00  | .....  | 661,173.46                      |
| Ridgetown.....       | 227,422.58                      | 2,376.85                                   | 10,779.00  | .....  | 240,578.43                      |
| Ripley.....          | 53,056.46                       | 515.54                                     | 2,251.00   | .....  | 55,823.00                       |
| Rockland.....        | 61,429.44                       | 475.18                                     | 8,450.00   | .....  | 70,354.62                       |
| Rockwood.....        | 61,771.37                       | 675.28                                     | 2,664.00   | .....  | 65,110.65                       |
| Rodney.....          | 81,098.12                       | 833.72                                     | 3,434.00   | .....  | 85,365.84                       |
| Rosseau.....         | 22,602.46                       | 209.59                                     | 767.00   | .....  | 23,579.05                       |
| Russell.....         | 40,294.86                       | 369.38                                     | 2,195.00   | .....  | 42,859.24                       |

**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES  
for the Year Ended December 31, 1966**

| Municipality            | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|-------------------------|---------------------------------|--|--|--|---------------------------------|
|                         | \$                              | \$   | \$   | \$   | \$                              |
| St. Catharines .....    | 8,698,550.64                    | 90,751.17                                  | 599,784.00   | .....  | 9,389,085.81                    |
| St. Clair Beach .....   | 60,642.44                       | 612.61                                     | 4,290.00   | .....  | 65,545.05                       |
| St. George .....        | 74,991.48                       | 752.35                                     | 3,352.00   | .....  | 79,095.83                       |
| St. Jacobs .....        | 96,312.24                       | 979.07                                     | 3,680.00   | .....  | 100,971.31                      |
| St. Mary's .....        | 883,271.28                      | 8,216.69                                   | 76,399.00  | .....  | 967,886.97                      |
| St. Thomas .....        | 2,448,153.96                    | 25,883.10                                  | 111,612.00   | .....  | 2,585,649.06                    |
| Sandwich West Twp. .... | 165,395.05                      | 1,524.20                                   | 17,722.00  | .....  | 184,641.25                      |
| Sarnia .....            | 7,963,538.41                    | 70,951.03                                  | 218,286.00   | .....  | 8,252,775.44                    |
| Scarborough Twp. ....   | 8,384,825.61                    | 78,497.50                                  | 1,034,115.00   | .....  | 9,497,438.11                    |
| Schreiber Twp. ....     | 92,554.35                       | 1,008.99                                   | 8,080.00   | .....  | 101,643.34                      |
| Seaforth .....          | 263,993.88                      | 3,030.12                                   | 10,644.00  | .....  | 277,668.00                      |
| Shelburne .....         | 129,883.03                      | 1,418.61                                   | 5,808.00   | .....  | 137,109.64                      |
| Simcoe .....            | 898,081.96                      | 8,839.90                                   | 55,764.00  | .....  | 962,685.86                      |
| Sioux Lookout .....     | 41,626.91                       | 142,508.49                                 | 10,653.00  | .....  | 194,788.40                      |
| Smiths Falls .....      | 873,239.98                      | 8,805.96                                   | 51,149.00  | .....  | 933,194.94                      |
| Smithville .....        | 60,176.11                       | 680.73                                     | 3,708.00   | .....  | 64,564.84                       |
| Southampton .....       | 161,327.38                      | 1,678.29                                   | 8,103.00   | .....  | 171,108.67                      |
| South River .....       | 9,018.39                        | 12.94                                      | 2,531.00   | .....  | 11,562.33                       |
| Springfield .....       | 42,345.86                       | 418.34                                     | 1,281.00   | .....  | 44,045.20                       |
| Stayner .....           | 121,968.07                      | 1,286.82                                   | 7,061.00   | .....  | 130,315.89                      |
| Stirling .....          | 99,973.70                       | 993.39                                     | 6,048.00   | .....  | 107,015.09                      |
| Stoney Creek .....      | 222,166.89                      | 2,236.79                                   | 23,551.00  | .....  | 247,954.68                      |
| Stouffville .....       | 198,423.54                      | 1,965.64                                   | 14,665.00  | .....  | 215,054.18                      |
| Stratford .....         | 2,685,048.18                    | 28,236.56                                  | 131,738.00   | 15,356.72  | 2,860,379.46                    |
| Strathroy .....         | 506,585.21                      | 5,229.77                                   | 28,142.00  | .....  | 539,956.98                      |
| Streetsville .....      | 206,759.93                      | 2,055.07                                   | 21,565.00  | .....  | 230,380.00                      |
| Sturgeon Falls .....    | 74,854.08                       | 58,719.99                                  | 18,879.00  | .....  | 152,453.07                      |
| Sudbury .....           | 982,679.58                      | 1,983,151.56                               | 263,167.00   | 130,674.13                                       | 3,359,672.27                    |
| Sunderland .....        | 53,074.44                       | 589.81                                     | 2,761.00   | .....  | 56,425.25                       |
| Sundridge .....         | 26,613.44                       | 236.38                                     | 3,210.00   | .....  | 30,059.82                       |
| Sutton .....            | 149,009.03                      | 1,494.88                                   | 7,599.00   | .....  | 158,102.91                      |
| Swansea .....           | 780,083.42                      | 7,829.29                                   | 35,589.00  | .....  | 823,501.71                      |
| Tara .....              | 57,257.46                       | 566.29                                     | 3,554.00   | .....  | 61,377.75                       |
| Tavistock .....         | 205,158.30                      | 2,189.98                                   | 5,801.00   | .....  | 213,149.28                      |
| Tecumseh .....          | 196,244.51                      | 1,984.86                                   | 12,441.00  | .....  | 210,670.37                      |
| Teeswater .....         | 92,187.32                       | 883.42                                     | 5,640.00   | .....  | 98,710.74                       |
| Terrace Bay Twp. ....   | 129,659.62                      | 1,557.25                                   | 8,024.00   | .....  | 139,240.87                      |
| Thamesford .....        | 99,605.46                       | 1,015.39                                   | 5,617.00   | .....  | 106,237.85                      |
| Thamesville .....       | 108,476.35                      | 1,135.59                                   | 5,158.00   | .....  | 114,769.94                      |
| Thedford .....          | 66,198.87                       | 672.99                                     | 2,946.00   | .....  | 69,817.86                       |
| Thessalon .....         | 22,508.82                       | 7,946.96                                   | 5,176.00   | .....  | 35,631.78                       |
| Thornbury .....         | 59,942.43                       | 559.47                                     | 6,880.00   | .....  | 67,381.90                       |
| Thorndale .....         | 39,243.30                       | 439.32                                     | 1,292.00   | .....  | 40,974.62                       |
| Thornton .....          | 19,254.11                       | 189.47                                     | 831.00   | .....  | 20,274.58                       |
| Thorold .....           | 1,162,576.63                    | 11,484.98                                  | 60,614.00  | .....  | 1,234,675.61                    |
| Tilbury .....           | 296,338.01                      | 3,210.44                                   | 12,492.00  | .....  | 312,040.45                      |
| Tillsonburg .....       | 576,434.19                      | 5,955.05                                   | 37,490.00  | 487.87   | 620,367.11                      |
| Toronto .....           | 98,812,416.75                   | 1,045,297.03                               | 3,729,861.00   | .....  | 103,587,574.78                  |
| Toronto Twp. ....       | 3,958,432.69                    | 34,301.87                                  | 558,514.00   | .....  | 4,551,248.56                    |
| Tottenham .....         | 63,844.02                       | 637.84                                     | 2,369.00   | .....  | 66,850.86                       |



**STATEMENT OF EQUITIES ACCUMULATED THROUGH  
DEBT RETIREMENT CHARGES  
for the Year Ended December 31, 1966**

| Municipality                   | Balance at<br>December 31, 1965 | Distribution<br>of Unallocated<br>Equities | Additions in the<br>Year through<br>Debt Retirement<br>Charges | Equities<br>Transferred<br>through<br>Annexation | Balance at<br>December 31, 1966 |
|--------------------------------|---------------------------------|--|--|--|---------------------------------|
|                                | \$                              | \$   | \$   | \$   | \$                              |
| Trenton.....                   | 1,385,838.02                    | 14,263.11                                  | 89,923.00  | .....  | 1,490,024.13                    |
| Tweed.....                     | 126,873.87                      | 1,270.03                                   | 8,451.00   | .....  | 136,594.90                      |
| Uxbridge.....                  | 192,024.54                      | 1,857.08                                   | 15,229.00  | .....  | 209,110.62                      |
| Vankleek Hill.....             | 34,629.60                       | 312.15                                     | 4,924.00   | .....  | 39,865.75                       |
| Victoria Harbour.....          | 44,376.22                       | 442.59                                     | 3,094.00   | .....  | 47,912.81                       |
| Walkerton.....                 | 304,438.93                      | 3,074.13                                   | 24,406.00  | .....  | 331,919.06                      |
| Wallaceburg.....               | 1,368,649.27                    | 14,354.73                                  | 79,320.00  | .....  | 1,462,324.00                    |
| Wardsville.....                | 26,713.08                       | 277.21                                     | 1,022.00   | .....  | 28,012.29                       |
| Warkworth.....                 | 35,285.32                       | 340.71                                     | 1,698.00   | .....  | 37,324.03                       |
| Wasaga Beach.....              | 43,529.42                       | 433.55                                     | 5,021.00   | .....  | 48,983.97                       |
| Waterdown.....                 | 123,682.70                      | 1,359.63                                   | 6,964.00   | .....  | 132,006.33                      |
| Waterford.....                 | 171,003.39                      | 1,735.71                                   | 8,898.00   | 97.37  | 181,734.47                      |
| Waterloo.....                  | 1,900,030.69                    | 19,339.55                                  | 157,371.00   | .....  | 2,076,741.24                    |
| Watford.....                   | 170,475.29                      | 1,739.92                                   | 8,992.00   | .....  | 181,207.21                      |
| Waubashene.....                | 38,928.91                       | 412.53                                     | 2,055.00   | .....  | 41,396.44                       |
| Webbwood.....                  | 4,039.94                        | 3,637.98                                   | 1,046.00   | .....  | 8,723.92                        |
| Welland.....                   | 2,574,560.60                    | 25,926.94                                  | 177,419.00   | .....  | 2,777,906.54                    |
| Wellesley.....                 | 67,179.67                       | 780.33                                     | 2,685.00   | .....  | 70,645.00                       |
| Wellington.....                | 88,502.49                       | 884.32                                     | 3,525.00   | .....  | 92,911.81                       |
| West Ferris Twp.....           | 96,937.70                       | 52,507.89                                  | 28,394.00  | 50,734.29  | 228,573.88                      |
| West Lorne.....                | 155,790.32                      | 1,779.53                                   | 7,058.00   | .....  | 164,627.85                      |
| Weston.....                    | 1,351,614.72                    | 14,533.42                                  | 62,613.00  | .....  | 1,428,761.14                    |
| Westport.....                  | 49,749.82                       | 495.91                                     | 2,508.00   | .....  | 52,753.73                       |
| Wheatley.....                  | 116,177.32                      | 1,186.58                                   | 4,860.00   | .....  | 122,223.90                      |
| Whitby.....                    | 839,292.10                      | 7,794.25                                   | 82,451.00  | .....  | 929,537.35                      |
| Wiaraton.....                  | 163,046.55                      | 1,651.14                                   | 8,049.00   | .....  | 172,746.69                      |
| Widdifield Twp.....            | 19,880.00                       | .....                                      | 51,383.00  | 165,827.25                                       | 237,090.25                      |
| Williamsburg.....              | 37,681.61                       | 384.94                                     | 1,537.00   | .....  | 39,603.55                       |
| Winchester.....                | 149,972.34                      | 1,566.66                                   | 8,654.00   | .....  | 160,193.00                      |
| Windermere.....                | 21,255.07                       | 207.66                                     | 1,063.00   | .....  | 22,525.73                       |
| Windsor.....                   | 17,126,399.62                   | 178,665.10                                 | 786,143.00   | 11,427.48  | 18,102,635.20                   |
| Wingham.....                   | 312,810.31                      | 3,077.83                                   | 16,935.00  | .....  | 332,823.14                      |
| Woodbridge.....                | 259,873.02                      | 2,965.05                                   | 11,663.00  | .....  | 274,501.07                      |
| Woodstock.....                 | 2,507,401.69                    | 26,106.62                                  | 137,454.00   | .....  | 2,670,962.31                    |
| Woodville.....                 | 36,452.77                       | 430.32                                     | 1,404.00   | .....  | 38,287.09                       |
| Wyoming.....                   | 55,277.98                       | 586.66                                     | 3,149.00   | .....  | 59,013.64                       |
| York Twp.....                  | 6,674,522.97                    | 70,924.21                                  | 380,950.00   | .....  | 7,126,397.18                    |
| Zurich.....                    | 69,428.87                       | 732.80                                     | 2,844.00   | .....  | 73,005.67                       |
| Total Municipalities           | 396,895,621.06                  | 8,153,681.38                               | 25,297,969.00  | 852,344.02                                       | 431,199,615.46                  |
| Power District.....            | 96,643,808.07                   | 51,741,597.99                              | 14,032,159.00  | 852,344.02                                       | 161,565,221.04                  |
| Unallocated<br>Equities (Note) | 493,539,429.13                  | 59,895,279.37                              | 39,330,128.00  | .....  | 592,764,836.50                  |
|                                | 59,895,279.37                   | 59,895,279.37                              | .....  | .....  | .....                           |
|                                | 553,434,708.50                  | .....                                      | 39,330,128.00  | .....  | 592,764,836.50                  |

NOTE: See Note 11 on page 36.

## APPENDIX III—RURAL

**P**OWER is delivered in wholesale quantities to 77 Areas in the Rural Power District. Within the Areas, retail customers are supplied under the following classes of services: Farm, Residential, and General. The description of these classes of service and the rates applicable to them at December 31, 1966 are included in this appendix.

### **Description of Main Classes of Service**

The Farm class is applicable to properties regularly used in agricultural production. It includes single-phase or three-phase electric service to the farm residence and to all buildings and equipment used in the production and processing of farm products. Agricultural production as used here includes the work of cultivating soil, producing crops and raising livestock, as well as operations in nurseries, fur farms, hatcheries, and egg production. Properties devoted solely to reforestation projects or the raising of Christmas trees are not considered as farms. Properties having extensive acreage but not engaged in agricultural production are classified according to their use but not as farms. Small properties of thirty acres and under are classified as residential unless they are operated for some intensive or specialized form of agricultural production, for example fruit farming, poultry raising, market gardening, nurseries etc. Service may be supplied under one farm contract to all separate dwellings on the property and occupied by persons engaged in its

operation. Additional dwellings occupied by persons otherwise engaged are regarded as residential.

The Year-round Residential class is applicable to establishments used primarily for living accommodation and considered to be the customer's permanent residence. There are two sub-classes of year-round residential service, Rural Residential, which is applicable to service in designated zones of low-customer concentration, and Suburban, which is applicable to service in designated zones of high customer concentration where there are at least 100 customers in a group with a density of not fewer than 25 customers per mile of line.

The Residential Seasonal class is applicable to any self-contained, residential property which is not regarded as the customer's permanent residence, and where private occupancy is seasonal, or intermittent throughout the year, whether in summer or winter.

The General class is applicable to all other community, business, processing, or manufacturing establishments supplied with single-phase or three-phase electric service at secondary, rural primary distribution, or sub-transmission voltage, exclusive of those that fall within the definition of the Farm class.

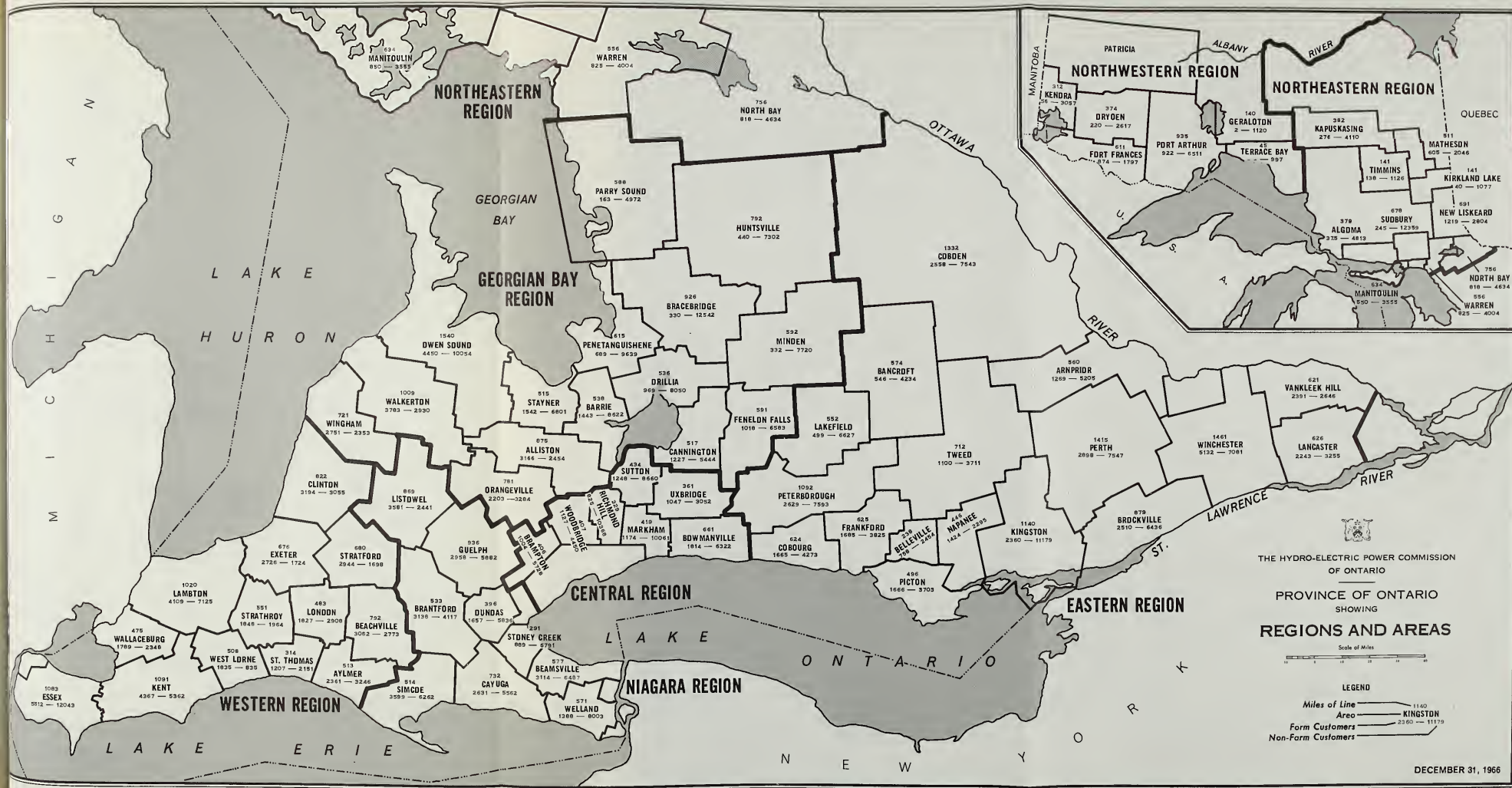
In the table of Miles of Line and Number of Customers beginning on page 148 Residential customers formerly subdivided as Rural, Hamlet, and Suburban have been re-grouped as Low-Density and High-Density customers, while those shown in previous years as Other Summer customers have been included in the Residential Seasonal category. Former Commercial, Summer Commercial, and Power Service customers have been grouped under General Service as Single-Phase, Seasonal, and Three-Phase customers.

### **Rural Rate Structure**

Extensive changes in rates and rate structures were introduced in 1966 throughout the province, and the net rates in effect at December 31, 1966 are given in the accompanying table. They are quoted on a monthly basis except the rate for Residential Seasonal which is quoted on an annual basis. The table shows the number of kilowatt-hours in each energy block, and the rate applicable for each class of service. Bills are subject to a monthly minimum as shown or, in the case of Residential Seasonal, to an annual minimum. Bills for Farm and General accounts with demands in excess of 50 kilowatts are based on measured demand and are subject to minima related to demands established in previous billing periods.

The all-electric rates in effect throughout the province apply to year-round residential service where the sole source of energy is electricity, that is, where electric energy exclusively is used for space-heating, cooking, and water-heating through the use of a high-performance water-heater with tank and element size acceptable to Ontario Hydro.







## NET RATES AND TYPICAL BILLS FOR RURAL ELECTRICAL SERVICE

| Class and Designation          | Electric Heating Separately Billed<br>¢ per Kwh | Number of Kilowatt-Hours per Month Billed<br>at Kwh Rate Shown<br>(+ indicates all additional) |                                |      |              |       |       |      | Minimum Bill<br>Per Month | Net Monthly Bill for |          |
|--------------------------------|---|--|--------------------------------|------|--------------|-------|-------|------|---------------------------|----------------------|----------|
|                                |   | 5.5¢   | 5.0¢                           | 4.5¢ | 2.0¢         | 1.7¢  | 1.25¢ | 1.1¢ |                           | 250 kwh              | 500 kwh  |
| <b>*Residential Year-Round</b> |   |  |                                |      |              |       |       |      |                           |                      |          |
| LOW DENSITY                    |   |  |                                |      |              |       |       |      |                           |                      |          |
| *** R2 ■                       | 1.25  | ...  | 50                             | ...  | ...          | 200   | +     | ...  | \$2.50                    | \$5.90               | \$9.03   |
| *** R ●                        | 1.25  | 50   | ...                            | ...  | 200          | ...   | +     | ..   | \$2.75                    | \$6.75               | \$9.88   |
| ER ●                           | ...   | ...  | ...                            | ...  | 50           | ...   | +     | ...  | \$2.75                    | \$3.50               | \$6.63   |
| HIGH DENSITY                   |   |  |                                |      |              |       |       |      |                           |                      |          |
| *** B                          | 1.1   | ...  | ...                            | 50   | ...          | 200   | ...   | +    | \$2.75                    | \$5.65               | \$8.40   |
| EB ●                           | ...   | ...  | ...                            | ...  | 50           | ...   | ...   | +    | \$2.75                    | \$3.20               | \$5.95   |
| <b>**Residential▲ Seasonal</b> |   | ANNUAL RATES   |                                |      |              |       |       |      | Minimum Annual Bill       | Net Annual Bill for  |          |
|                                |   | \$40.00  |                                | 2.4¢ |              | 1.35¢ |       |      |                           | 750 kwh              | 1000 kwh |
|                                | ...   |  | First 700 kwh or less per year |      | Next 200 kwh |       | +     |      |                           | \$40.00              | \$41.20  |

\*Formerly Hamlet, Rural and Suburban Residential Customers

\*\*Formerly Summer Customers

\*\*\*Upon application to the Commission, customers using an approved metered electric water heater with tank and element sizes acceptable to Ontario Hydro shall have a block of 500 kwh at 0.7¢ per kwh inserted in the rate schedule immediately following the second block

■ Existing 2-wire services only

● All-electric rate for customers having an approved metered, electric water-heater and using electricity as the sole source of energy for home heating and cooking

▲ Rates quoted on an annual basis only

| Class and Designation | First 50 kwh or less per month | Balance of Kilowatt-Hours per Month at<br>Kwh Rate Shown<br>(+ indicates all additional) |      |       |         |         |      | First 50 kw per month—no charge<br>Balance—\$ per kw | Minimum Bill<br>Per Month | Net Monthly Bill Under<br>50 kw for |         |
|-----------------------|--------------------------------|--|------|-------|---------|---------|------|--|---------------------------|-------------------------------------|---------|
|                       |                                | 2.5¢   | 2.0¢ | 1.35¢ | 0.5¢    | 0.4¢    | 0.3¢ |  |                           | 250 kwh                             | 500 kwh |
| <b>General</b>        |                                |  |      |       |         |         |      |  |                           |                                     |         |
| SINGLE-PHASE          |                                |  |      |       |         |         |      |  |                           |                                     |         |
| ● *1G2▲               | \$2.75                         | ....   | 200  | 9750  | ....    | ....    | .... | ....   | \$2.75                    | \$6.75                              | \$10.13 |
| ● *1G1▲               | \$3.25                         | 200  | .... | 9750  | +       | ....    | .... | \$1.70   | \$3.25◎                   | \$8.25                              | \$11.63 |
| THREE-PHASE           |                                |  |      |       |         |         |      |  |                           |                                     |         |
| ● *1G3▲               | \$8.25                         | 200  | .... | 9750  | 190,000 | 800,000 | +    | \$1.70   | \$8.25◎                   | \$13.25                             | \$16.63 |
| <b>Farm</b>           |                                |  |      |       |         |         |      |  |                           |                                     |         |
| SINGLE-PHASE          |                                |  |      |       |         |         |      |  |                           |                                     |         |
| 1F1■                  | \$2.75                         | 2.2¢   |      | 1.3¢  |         | 0.5¢    |      | \$1.70   | \$2.75◎                   | \$7.15                              | \$10.40 |
| THREE-PHASE           |                                |  |      |       |         |         |      |  |                           |                                     |         |
| ● *1F3■               | \$7.75                         | 200  |      | 9750  |         | +       |      | \$1.70   | \$7.75◎                   | \$12.15                             | \$15.40 |

\*Formerly Commercial

\*\*Formerly Industrial Power

● Existing 2-wire services only

▲ Upon application to the Commission, customers having one or more approved, metered, electric water-heaters, with tank and element sizes acceptable to Ontario Hydro, shall have a block of 500 kwh at (▲0.8¢) (■0.7¢) per kwh inserted in the rate schedule immediately following the second block. The third energy block shall thereupon be reduced from 9750 kwh to 9250 kwh.

◎Plus \$1.00 per kw for each kw in excess of 50, established as a peak during the previous 11 months.



**MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS**  
**as at December 31, 1966**

| OPERATING AREAS<br>BY REGIONS | MILES<br>OF<br>PRIMARY<br>LINE | NUMBER OF CUSTOMERS |             |              |          |                 |          |             |        |
|-------------------------------|--------------------------------|---------------------|-------------|--------------|----------|-----------------|----------|-------------|--------|
|                               |                                | Farm                | Residential |              |          | General Service |          |             | Total  |
|                               |                                |                     | Low-Density | High-Density | Seasonal | Single-Phase    | Seasonal | Three-Phase |        |
| EAST SYSTEM                   |                                |                     |             |              |          |                 |          |             |        |
| WESTERN                       |                                |                     |             |              |          |                 |          |             |        |
| Aylmer.....                   | 513.17                         | 2,361               | 1,861       | 756          | 151      | 432             | 13       | 33          | 5,607  |
| Beachville.....               | 791.62                         | 3,082               | 1,617       | 644          | 42       | 423             | 6        | 41          | 5,855  |
| Clinton.....                  | 821.78                         | 3,194               | 1,128       | 333          | 1,140    | 407             | 19       | 28          | 6,249  |
| Essex.....                    | 1,083.01                       | 5,512               | 4,862       | 2,371        | 3,612    | 971             | 95       | 132         | 17,555 |
| Exeter.....                   | 676.38                         | 2,726               | 727         | 115          | 583      | 254             | 16       | 29          | 4,450  |
|                               |                                |                     |             |              |          |                 |          |             |        |
| Kent.....                     | 1,090.81                       | 4,367               | 2,486       | 985          | 978      | 792             | 44       | 77          | 9,729  |
| Lambton.....                  | 1,019.72                       | 4,109               | 1,782       | 2,566        | 1,877    | 715             | 93       | 92          | 11,234 |
| London.....                   | 482.78                         | 1,827               | 1,281       | 1,091        | 37       | 416             | 1        | 82          | 4,735  |
| St. Thomas.....               | 314.45                         | 1,207               | 905         | 938          | 21       | 267             | .....    | 20          | 3,358  |
| Stratford.....                | 680.01                         | 2,944               | 1,031       | 264          | 1        | 374             | .....    | 28          | 4,642  |
|                               |                                |                     |             |              |          |                 |          |             |        |
| Strathroy.....                | 550.89                         | 1,848               | 1,326       | 291          | 4        | 323             | .....    | 20          | 3,812  |
| Wallaceburg.....              | 477.87                         | 1,789               | 654         | 839          | 407      | 413             | 1        | 34          | 4,137  |
| West Lorne.....               | 508.22                         | 1,838               | 514         | .....        | 66       | 229             | .....    | 27          | 2,674  |
| Total.....                    | 9,010.71                       | 36,804              | 20,174      | 11,193       | 8,919    | 6,016           | 288      | 643         | 84,037 |
|                               |                                |                     |             |              |          |                 |          |             |        |
| NIAGARA                       |                                |                     |             |              |          |                 |          |             |        |
| Beamsville.....               | 576.98                         | 3,114               | 1,906       | 3,678        | 203      | 599             | 8        | 93          | 9,601  |
| Brantford.....                | 832.71                         | 3,138               | 2,123       | 1,286        | 56       | 606             | 5        | 41          | 7,255  |
| Cayuga.....                   | 731.62                         | 2,631               | 1,944       | 359          | 2,693    | 461             | 62       | 43          | 8,193  |
| Dundas.....                   | 396.42                         | 1,657               | 1,911       | 3,445        | 3        | 416             | .....    | 61          | 7,493  |
| Guelph.....                   | 935.61                         | 2,958               | 2,609       | 1,968        | 469      | 726             | 14       | 96          | 8,840  |
|                               |                                |                     |             |              |          |                 |          |             |        |
| Listowel.....                 | 869.38                         | 3,581               | 738         | 815          | 323      | 501             | 6        | 58          | 6,022  |
| Simcoe.....                   | 813.92                         | 3,599               | 2,692       | 1,124        | 1,830    | 498             | 83       | 35          | 9,861  |
| Stoney Creek.....             | 291.29                         | 889                 | 1,202       | 4,825        | 99       | 559             | .....    | 106         | 7,680  |
| Welland.....                  | 571.18                         | 1,388               | 1,597       | 4,186        | 1,432    | 631             | 85       | 72          | 9,391  |
| Total.....                    | 6,019.11                       | 22,955              | 16,722      | 21,686       | 7,108    | 4,997           | 263      | 605         | 74,336 |

**MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS**  
**as at December 31, 1966**

| OPERATING AREAS<br>BY REGIONS | MILES<br>OF<br>PRIMARY<br>LINE | NUMBER OF CUSTOMERS |             |              |          |                 |          |             | Total   |
|-------------------------------|--------------------------------|---------------------|-------------|--------------|----------|-----------------|----------|-------------|---------|
|                               |                                | Farm                | Residential |              |          | General Service |          |             |         |
|                               |                                |                     | Low-Density | High-Density | Seasonal | Single-Phase    | Seasonal | Three-Phase |         |
| EAST SYSTEM<br>—Continued     |                                |                     |             |              |          |                 |          |             |         |
| CENTRAL                       |                                |                     |             |              |          |                 |          |             |         |
| Bowmanville....               | 661.35                         | 1,814               | 1,866       | 3,582        | 181      | 591             | 36       | 66          | 8,136   |
| Brampton.....                 | 406.07                         | 1,004               | 1,622       | 3,396        | 167      | 404             | 14       | 125         | 6,732   |
| Markham.....                  | 419.04                         | 1,174               | 1,922       | 6,719        | 533      | 763             | 34       | 90          | 11,235  |
| Richmond Hill..               | 329.00                         | 825                 | 1,581       | 7,593        | 166      | 833             | 5        | 190         | 11,193  |
| Sutton.....                   | 434.05                         | 1,248               | 1,071       | 3,474        | 3,489    | 474             | 116      | 36          | 9,908   |
| Uxbridge.....                 | 361.20                         | 1,047               | 662         | 454          | 1,742    | 173             | 12       | 9           | 4,099   |
| Woodbridge.....               | 406.92                         | 1,127               | 1,778       | 1,948        | 53       | 544             | .....    | 127         | 5,577   |
| Total.....                    | 3,017.63                       | 8,239               | 10,502      | 27,166       | 6,331    | 3,782           | 217      | 643         | 56,880  |
| GEORGIAN BAY                  |                                |                     |             |              |          |                 |          |             |         |
| Alliston.....                 | 878.34                         | 3,166               | 1,376       | 479          | 207      | 347             | 12       | 33          | 5,620   |
| Barrie.....                   | 537.76                         | 1,443               | 1,445       | 2,569        | 3,969    | 483             | 112      | 44          | 10,065  |
| Bracebridge....               | 925.72                         | 330                 | 1,707       | 908          | 9,176    | 413             | 315      | 23          | 12,872  |
| Cannington....                | 517.15                         | 1,227               | 842         | 682          | 3,568    | 282             | 57       | 13          | 6,671   |
| Fenelon Falls...              | 591.10                         | 1,018               | 729         | 470          | 4,936    | 241             | 193      | 14          | 7,601   |
| Huntsville.....               | 791.57                         | 440                 | 1,432       | 1,082        | 4,088    | 396             | 275      | 29          | 7,742   |
| Minden.....                   | 591.86                         | 332                 | 1,065       | 834          | 5,232    | 377             | 198      | 14          | 8,052   |
| Orangeville....               | 780.97                         | 2,203               | 1,736       | 576          | 509      | 416             | 13       | 34          | 5,487   |
| Orillia.....                  | 536.41                         | 969                 | 987         | 2,509        | 3,887    | 488             | 143      | 36          | 9,019   |
| Owen Sound....                | 1,539.96                       | 4,450               | 1,678       | 1,647        | 5,577    | 857             | 241      | 54          | 14,504  |
| Parry Sound....               | 587.67                         | 163                 | 1,571       | 223          | 2,620    | 314             | 220      | 24          | 5,135   |
| Penetanguishene               | 615.36                         | 689                 | 1,317       | 825          | 7,003    | 268             | 204      | 22          | 10,328  |
| Stayner.....                  | 514.72                         | 1,542               | 774         | 1,152        | 4,246    | 366             | 241      | 22          | 8,343   |
| Walkerton.....                | 1,008.51                       | 3,783               | 961         | 475          | 950      | 486             | 30       | 28          | 6,713   |
| Wingham.....                  | 720.68                         | 2,751               | 392         | 446          | 1,115    | 328             | 60       | 12          | 5,104   |
| Total.....                    | 11,137.78                      | 24,506              | 18,012      | 14,877       | 57,083   | 6,062           | 2,314    | 402         | 123,256 |

**MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS**  
**as at December 31, 1966**

| OPERATING AREAS<br>BY REGIONS | MILES<br>OF<br>PRIMARY<br>LINE | NUMBER OF CUSTOMERS |             |              |          |                 |          |             |         |
|-------------------------------|--------------------------------|---------------------|-------------|--------------|----------|-----------------|----------|-------------|---------|
|                               |                                | Farm                | Residential |              |          | General Service |          |             | Total   |
|                               |                                |                     | Low-Density | High-Density | Seasonal | Single-Phase    | Seasonal | Three-Phase |         |
|                               |                                |                     |             |              |          |                 |          |             |         |
| EAST SYSTEM<br>—Continued     |                                |                     |             |              |          |                 |          |             |         |
| EASTERN                       |                                |                     |             |              |          |                 |          |             |         |
| Arnprior.....                 | 560.21                         | 1,269               | 1,189       | 1,714        | 1,824    | 399             | 44       | 35          | 6,474   |
| Bancroft.....                 | 573.85                         | 546                 | 1,125       | 434          | 2,315    | 227             | 124      | 9           | 4,780   |
| Belleville.....               | 238.49                         | 758                 | 464         | 1,578        | 61       | 311             | 2        | 38          | 3,212   |
| Brockville.....               | 879.36                         | 2,510               | 2,960       | 871          | 1,805    | 748             | 3        | 49          | 8,946   |
| Cobden.....                   | 1,332.00                       | 2,558               | 2,796       | 1,683        | 2,032    | 834             | 146      | 52          | 10,101  |
| Cobourg.....                  | 624.24                         | 1,665               | 1,504       | 1,077        | 1,223    | 367             | 79       | 23          | 5,938   |
| Frankford.....                | 624.95                         | 1,685               | 1,688       | 1,015        | 662      | 396             | 35       | 29          | 5,510   |
| Kingston.....                 | 1,140.35                       | 2,360               | 2,317       | 5,269        | 2,475    | 1,021           | 6        | 91          | 13,539  |
| Lakefield.....                | 551.90                         | 499                 | 739         | 382          | 5,143    | 355             | .....    | 8           | 7,126   |
| Lancaster.....                | 625.62                         | 2,243               | 1,094       | 1,056        | 578      | 454             | 20       | 53          | 5,498   |
| Napanee.....                  | 445.90                         | 1,424               | 1,023       | 363          | 563      | 293             | 37       | 16          | 3,719   |
| Perth.....                    | 1,415.49                       | 2,898               | 2,225       | 453          | 4,028    | 643             | 164      | 34          | 10,445  |
| Peterborough....              | 1,092.27                       | 2,629               | 1,900       | 1,383        | 3,588    | 537             | 142      | 43          | 10,222  |
| Pictou.....                   | 495.96                         | 1,666               | 2,005       | 224          | 998      | 341             | 113      | 22          | 5,369   |
| Tweed.....                    | 712.19                         | 1,100               | 1,567       | 89           | 1,560    | 319             | 165      | 11          | 4,811   |
| Vankleek Hill...              | 621.37                         | 2,391               | 1,151       | 607          | 414      | 446             | .....    | 28          | 5,037   |
| Winchester.....               | 1,460.77                       | 5,132               | 3,739       | 1,602        | 642      | 1,011           | 7        | 80          | 12,213  |
| Total.....                    | 13,394.92                      | 33,333              | 29,486      | 19,800       | 29,911   | 8,702           | 1,087    | 621         | 122,940 |
|                               |                                |                     |             |              |          |                 |          |             |         |
| NORTHEASTERN                  |                                |                     |             |              |          |                 |          |             |         |
| Algoma.....                   | 378.56                         | 375                 | 1,151       | 2,614        | 380      | 543             | 64       | 61          | 5,188   |
| Kapuskasing....               | 381.59                         | 276                 | 1,280       | 2,063        | 356      | 368             | 15       | 28          | 4,386   |
| Kirkland Lake ..              | 140.52                         | 40                  | 422         | 85           | 434      | 103             | 25       | 8           | 1,117   |
| Manitoulin.....               | 634.10                         | 850                 | 859         | 1,074        | 907      | 556             | 135      | 24          | 4,405   |
| Matheson.....                 | 510.68                         | 608                 | 1,054       | 328          | 410      | 229             | 8        | 17          | 2,654   |
| New Liskeard...               | 691.07                         | 1,219               | 1,143       | 599          | 549      | 475             | 1        | 37          | 4,023   |
| North Bay.....                | 756.00                         | 818                 | 2,010       | 772          | 1,254    | 400             | 171      | 27          | 5,452   |
| Sudbury.....                  | 677.61                         | 245                 | 2,724       | 7,211        | 1,527    | 787             | 26       | 84          | 12,604  |
| Timmins.....                  | 141.24                         | 138                 | 174         | 698          | 120      | 113             | 3        | 18          | 1,264   |
| Warren.....                   | 555.82                         | 825                 | 1,279       | 846          | 1,366    | 387             | 107      | 19          | 4,829   |
| Total.....                    | 4,867.19                       | 5,394               | 12,096      | 16,290       | 7,303    | 3,961           | 555      | 323         | 45,922  |



## MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1966

| OPERATING AREAS<br>BY REGIONS | MILES<br>OF<br>PRIMARY<br>LINE | NUMBER OF CUSTOMERS |             |              |          |                 |          |             |        |
|-------------------------------|--------------------------------|---------------------|-------------|--------------|----------|-----------------|----------|-------------|--------|
|                               |                                | Farm                | Residential |              |          | General Service |          |             | Total  |
|                               |                                |                     | Low-Density | High-Density | Seasonal | Single-Phase    | Seasonal | Three-Phase |        |
|                               |                                |                     |             |              |          |                 |          |             |        |
| WEST SYSTEM                   |                                |                     |             |              |          |                 |          |             |        |
| NORTHWESTERN                  |                                |                     |             |              |          |                 |          |             |        |
| Dryden.....                   | 373.53                         | 220                 | 1,306       | 399          | 511      | 315             | 71       | 15          | 2,837  |
| Fort Frances.....             | 610.98                         | 874                 | 915         | 200          | 269      | 352             | 55       | 6           | 2,671  |
| Geraldton.....                | 140.34                         | 2                   | 237         | 568          | 29       | 242             | 14       | 30          | 1,122  |
| Kenora.....                   | 311.63                         | 56                  | 802         | 516          | 1,372    | 204             | 146      | 17          | 3,113  |
| Port Arthur.....              | 934.62                         | 922                 | 2,723       | 1,439        | 1,735    | 551             | 28       | 35          | 7,433  |
| Terrace Bay.....              | 44.87                          | .....               | 152         | 648          | 40       | 127             | 14       | 16          | 997    |
| Total.....                    | 2,415.97                       | 2,074               | 6,135       | 3,770        | 3,956    | 1,791           | 328      | 119         | 18,173 |

## SUMMARY—MILES OF RURAL LINE, NUMBER OF RURAL CUSTOMERS

as at December 31, 1966

| REGIONS BY<br>SYSTEMS | MILES<br>OF<br>PRIMARY<br>LINE | NUMBER OF CUSTOMERS |             |              |          |                 |          |             | Total   |
|-----------------------|--------------------------------|---------------------|-------------|--------------|----------|-----------------|----------|-------------|---------|
|                       |                                | Farm                | Residential |              |          | General Service |          |             |         |
|                       |                                |                     | Low-Density | High-Density | Seasonal | Single-Phase    | Seasonal | Three-Phase |         |
| EAST SYSTEM           |                                |                     |             |              |          |                 |          |             |         |
| Western.....          | 9,010.71                       | 36,804              | 20,174      | 11,193       | 8,919    | 6,016           | 288      | 643         | 84,037  |
| Niagara.....          | 6,019.11                       | 22,955              | 16,722      | 21,686       | 7,108    | 4,997           | 263      | 605         | 74,336  |
| Central.....          | 3,017.63                       | 8,239               | 10,502      | 27,166       | 6,331    | 3,782           | 217      | 643         | 56,880  |
| Georgian Bay...       | 11,137.78                      | 24,506              | 18,012      | 14,877       | 57,083   | 6,062           | 2,314    | 402         | 123,256 |
| Eastern.....          | 13,394.92                      | 33,333              | 29,486      | 19,800       | 29,911   | 8,702           | 1,087    | 621         | 122,940 |
| Northeastern...       | 4,867.19                       | 5,394               | 12,096      | 16,290       | 7,303    | 3,961           | 555      | 323         | 45,922  |
| Total.....            | 47,447.34                      | 131,231             | 106,992     | 111,012      | 116,655  | 33,520          | 4,724    | 3,237       | 507,371 |
| WEST SYSTEM           |                                |                     |             |              |          |                 |          |             |         |
| Northwestern....      | 2,415.97                       | 2,074               | 6,135       | 3,770        | 3,956    | 1,791           | 328      | 119         | 18,173  |
| Grand Total...        | 49,863.31                      | 133,305             | 113,127     | 114,782      | 120,611  | 35,311          | 5,052    | 3,356       | 525,544 |

## Rural Electrical Service 1957 - 1966

## CUSTOMERS, REVENUE AND CONSUMPTION, BY CLASSES OF SERVICE

| Class of Service  | Year | Revenue    | Consumption   | Customers | Monthly Consumption per Customer | Average Cost per Kwh |
|---|------|------------|---------------|-----------|----------------------------------|----------------------|
|   |      | \$         | kwh           |           | kwh                              | ¢                    |
| <b>*Farm</b> .....  | 1957 | 14,386,097 | 685,863,992   | 140,604   | 408                              | 2.10                 |
|   | 1958 | 15,159,553 | 739,085,422   | 140,343   | 438                              | 2.05                 |
|   | 1959 | 16,122,453 | 804,044,121   | 140,892   | 477                              | 2.01                 |
|   | 1960 | 16,688,958 | 850,192,892   | 140,782   | 503                              | 1.96                 |
|   | 1961 | 17,367,400 | 909,189,400   | 138,924   | 542                              | 1.91                 |
|   | 1962 | 17,975,845 | 971,696,100   | 137,954   | 585                              | 1.85                 |
|   | 1963 | 19,086,801 | 1,058,604,500 | 136,864   | 642                              | 1.80                 |
|   | 1964 | 19,447,674 | 1,090,954,900 | 135,680   | 667                              | 1.78                 |
|   | 1965 | 20,408,010 | 1,170,321,600 | 134,484   | 722                              | 1.74                 |
|   | 1966 | 21,140,330 | 1,226,165,263 | 133,112   | 764                              | 1.72                 |
| <b>*Residential</b> .....<br>(formerly Hamlet,<br>Rural, and Suburban<br>Residential) | 1957 | 16,174,554 | 780,555,462   | 196,025   | 345                              | 2.07                 |
|   | 1958 | 17,732,046 | 905,280,698   | 207,570   | 374                              | 1.96                 |
|   | 1959 | 18,862,773 | 988,315,209   | 218,287   | 387                              | 1.91                 |
|   | 1960 | 20,151,434 | 1,070,637,716 | 221,915   | 405                              | 1.88                 |
|   | 1961 | 20,494,966 | 1,096,653,000 | 205,822   | 427                              | 1.87                 |
|   | 1962 | 21,366,479 | 1,153,182,400 | 215,857   | 456                              | 1.85                 |
|   | 1963 | 23,616,431 | 1,299,169,800 | 224,024   | 492                              | 1.82                 |
|   | 1964 | 24,563,281 | 1,364,958,200 | 220,199   | 512                              | 1.80                 |
|   | 1965 | 25,686,192 | 1,459,057,800 | 220,617   | 552                              | 1.76                 |
|   | 1966 | 26,365,167 | 1,570,966,227 | 227,909   | 584                              | 1.68                 |
| <b>*Commercial</b> .....<br>(including Summer<br>Commercial)                          | 1957 | 4,855,540  | 232,393,865   | 35,179    | 564                              | 2.09                 |
|   | 1958 | 5,346,040  | 259,521,547   | 36,966    | 600                              | 2.06                 |
|   | 1959 | 5,764,611  | 282,562,584   | 38,176    | 627                              | 2.04                 |
|   | 1960 | 6,099,889  | 301,874,591   | 38,887    | 653                              | 2.02                 |
|   | 1961 | 6,425,565  | 324,871,900   | 38,496    | 700                              | 1.98                 |
|   | 1962 | 6,739,668  | 343,061,600   | 39,574    | 732                              | 1.96                 |
|   | 1963 | 7,423,798  | 383,400,200   | 40,509    | 798                              | 1.94                 |
|   | 1964 | 7,821,307  | 407,033,500   | 40,525    | 837                              | 1.92                 |
|   | 1965 | 8,355,580  | 435,773,100   | 40,506    | 896                              | 1.92                 |
|   | 1966 | 8,654,367  | 478,810,358   | 40,363    | 987                              | 1.81                 |
| <b>*Seasonal Residential</b> ..<br>(formerly Summer)                                  | 1957 | 2,709,831  | 50,674,936    | 79,792    | 55                               | 5.35                 |
|   | 1958 | 2,943,051  | 55,170,380    | 85,611    | 56                               | 5.33                 |
|   | 1959 | 3,170,306  | 60,345,721    | 91,390    | 57                               | 5.25                 |
|   | 1960 | 4,141,665  | 67,785,615    | 95,196    | 61                               | 6.11                 |
|   | 1961 | 4,358,812  | 74,693,800    | 99,032    | 64                               | 5.84                 |
|   | 1962 | 4,613,953  | 83,051,000    | 103,415   | 68                               | 5.56                 |
|   | 1963 | 4,979,590  | 96,694,400    | 108,077   | 76                               | 5.15                 |
|   | 1964 | 5,225,074  | 105,483,200   | 112,445   | 80                               | 4.95                 |
|   | 1965 | 5,624,928  | 122,354,200   | 116,326   | 89                               | 4.60                 |
|   | 1966 | 5,835,789  | 130,845,233   | 120,611   | 92                               | 4.46                 |
| <b>Industrial Power</b> .....   | 1957 | 3,732,252  | 225,748,793   | 2,011     | 9,920                            | 1.65                 |
|   | 1958 | 4,410,317  | 278,005,882   | 2,113     | 11,235                           | 1.59                 |
|   | 1959 | 4,612,172  | 287,458,107   | 2,325     | 10,795                           | 1.60                 |
|   | 1960 | 5,017,774  | 325,416,458   | 2,511     | 11,215                           | 1.54                 |
|   | 1961 | 5,414,240  | 354,069,300   | 2,475     | 11,835                           | 1.53                 |
|   | 1962 | 6,236,466  | 418,959,700   | 2,762     | 13,333                           | 1.49                 |
|   | 1963 | 7,840,887  | 555,322,000   | 3,036     | 15,963                           | 1.41                 |
|   | 1964 | 9,782,441  | 779,264,700   | 3,139     | 21,033                           | 1.26                 |
|   | 1965 | 10,997,087 | 907,222,800   | 3,271     | 23,589                           | 1.21                 |
|   | 1966 | 10,082,027 | 977,967,494   | 3,549     | 23,900                           | 1.03                 |

\*Consumption for flat-rate water heaters is included on the basis of an estimated 16.8 hours' daily use.

In accordance with the revised rate schedules introduced in 1966, three-phase farm services formerly classified as industrial power services were included this year under farm service, and all other former industrial power services have been grouped with former commercial services under a general classification. For comparison the statistics for Farm, Commercial, and Industrial Power Services in the preceding table are given for 1966 on the revised basis as follows:

| Class of Service | Year | Revenue    | Consumption   | Customers | Monthly Consumption per Customer | Average Cost per Kwh |
|------------------|------|------------|---------------|-----------|----------------------------------|----------------------|
|                  |      | \$         | kwh           |           | kwh                              | ¢                    |
| Farm.....        | 1966 | 21,312,377 | 1,240,088,007 | 133,305   | 771                              | 1.72                 |
| General.....     | 1966 | 18,564,346 | 1,442,855,108 | 43,719    | 2,753                            | 1.29                 |





# SUPPLEMENT

## MUNICIPAL ELECTRICAL SERVICE

**R**ETAIL service in cities, towns, and villages, and in certain more densely populated township areas is provided principally by the 358 associated municipal electrical utilities. There are, however, 28 towns, townships, and villages, located mostly in the northeastern part of the province, where the Commission owns the distribution facilities and serves the retail customers directly. In order to make the record of this category of service as complete as possible, retail service in this supplement is interpreted as including both that provided by the municipal utilities and that provided by the Commission in these 28 other distribution systems.

The accompanying summary table and graphs cover three major classes of service provided during 1966 in all 386 communities, where a total of 1,662,049 customers were served, 1,630,255 by the municipal utilities, and 31,794 by the Commission. In this Section a brief commentary on these operations in general, and those of the municipal electrical utilities in particular, is supplemented by tabular statements giving information on financial operations, rates, consumption, typical bills, and average cost per kilowatt-hour. Statements "A" and "B" include a balance sheet and an operating statement for each of the municipal electrical utilities, and Statements "C" and "D" more general statistics for all 386 communities. The population figures quoted are for the most part those given in the Municipal Directory for 1967, published by the Department of Municipal Affairs of the Province of Ontario.

**Municipal Electrical Service**  
**CUSTOMERS, REVENUE AND CONSUMPTION**  
**1957 to 1966**

| Class of Service              | Year | Revenue     | Consumption    | Customers | Monthly Consumption per Customer | Average Cost per Kwh |
|-------------------------------|------|-------------|----------------|-----------|----------------------------------|----------------------|
|                               |      | \$          | kwh            |           | kwh                              | ¢                    |
| <b>Residential</b> . . . . .  | 1957 | 65,842,103  | 5,602,672,756  | 1,072,868 | 435                              | 1.18                 |
|                               | 1958 | 69,804,608  | 6,036,470,489  | 1,139,061 | 442                              | 1.16                 |
|                               | 1959 | 73,955,229  | 6,540,969,291  | 1,194,878 | 456                              | 1.13                 |
|                               | 1960 | 78,337,615  | 6,944,659,090  | 1,234,903 | 469                              | 1.13                 |
|                               | 1961 | 83,682,550  | 7,400,028,084  | 1,307,893 | 472                              | 1.13                 |
|                               | 1962 | 89,016,406  | 7,852,651,665  | 1,346,408 | 486                              | 1.13                 |
|                               | 1963 | 93,121,018  | 8,255,600,930  | 1,382,270 | 498                              | 1.13                 |
|                               | 1964 | 98,724,259  | 8,742,950,806  | 1,434,174 | 508                              | 1.13                 |
|                               | 1965 | 106,738,283 | 9,423,405,257  | 1,475,590 | 532                              | 1.13                 |
|                               | 1966 | 114,462,536 | 10,102,582,788 | 1,505,780 | 559                              | 1.13                 |
| <b>Commercial</b> . . . . .   | 1957 | 33,901,487  | 2,270,913,902  | 124,757*  | 1,517                            | 1.49                 |
|                               | 1958 | 35,968,060  | 2,445,225,765  | 122,446*  | 1,664                            | 1.47                 |
|                               | 1959 | 38,079,501  | 2,669,327,226  | 120,733*  | 1,842                            | 1.43                 |
|                               | 1960 | 41,229,320  | 2,921,670,317  | 123,441*  | 1,972                            | 1.41                 |
|                               | 1961 | 45,718,484  | 3,289,119,534  | 122,863*  | 2,231                            | 1.39                 |
|                               | 1962 | 49,438,348  | 3,633,872,392  | 121,964*  | 2,483                            | 1.36                 |
|                               | 1963 | 53,130,394  | 3,983,332,309  | 123,296*  | 2,692                            | 1.33                 |
|                               | 1964 | 58,244,181  | 4,460,958,590  | 125,555*  | 2,961                            | 1.31                 |
|                               | 1965 | 64,558,257  | 4,988,713,185  | 127,645*  | 3,257                            | 1.29                 |
|                               | 1966 | 72,309,441  | 5,705,565,474  | 132,270*  | 3,595                            | 1.27                 |
| <b>Industrial Power</b> . . . | 1957 | 50,124,976  | 5,366,245,253  | 22,607*   | 19,781                           | 0.93                 |
|                               | 1958 | 52,741,979  | 5,651,743,390  | 23,077*   | 20,409                           | 0.93                 |
|                               | 1959 | 61,167,603  | 7,052,152,034  | 23,545*   | 24,960                           | 0.87                 |
|                               | 1960 | 64,057,506  | 7,326,683,025  | 23,613*   | 25,857                           | 0.87                 |
|                               | 1961 | 69,215,271  | 7,994,001,074  | 23,179*   | 28,740                           | 0.87                 |
|                               | 1962 | 74,198,657  | 8,704,987,001  | 23,145*   | 31,342                           | 0.85                 |
|                               | 1963 | 79,740,870  | 9,581,875,552  | 23,456*   | 34,042                           | 0.83                 |
|                               | 1964 | 86,451,270  | 10,488,380,325 | 23,866*   | 36,622                           | 0.82                 |
|                               | 1965 | 95,988,774  | 11,668,654,346 | 23,675*   | 41,072                           | 0.82                 |
|                               | 1966 | 100,320,320 | 12,077,932,115 | 23,999*   | 41,939                           | 0.83                 |

\*Irregular variations from year to year in numbers of customers result from reclassifications from commercial to residential and from industrial power to commercial service.

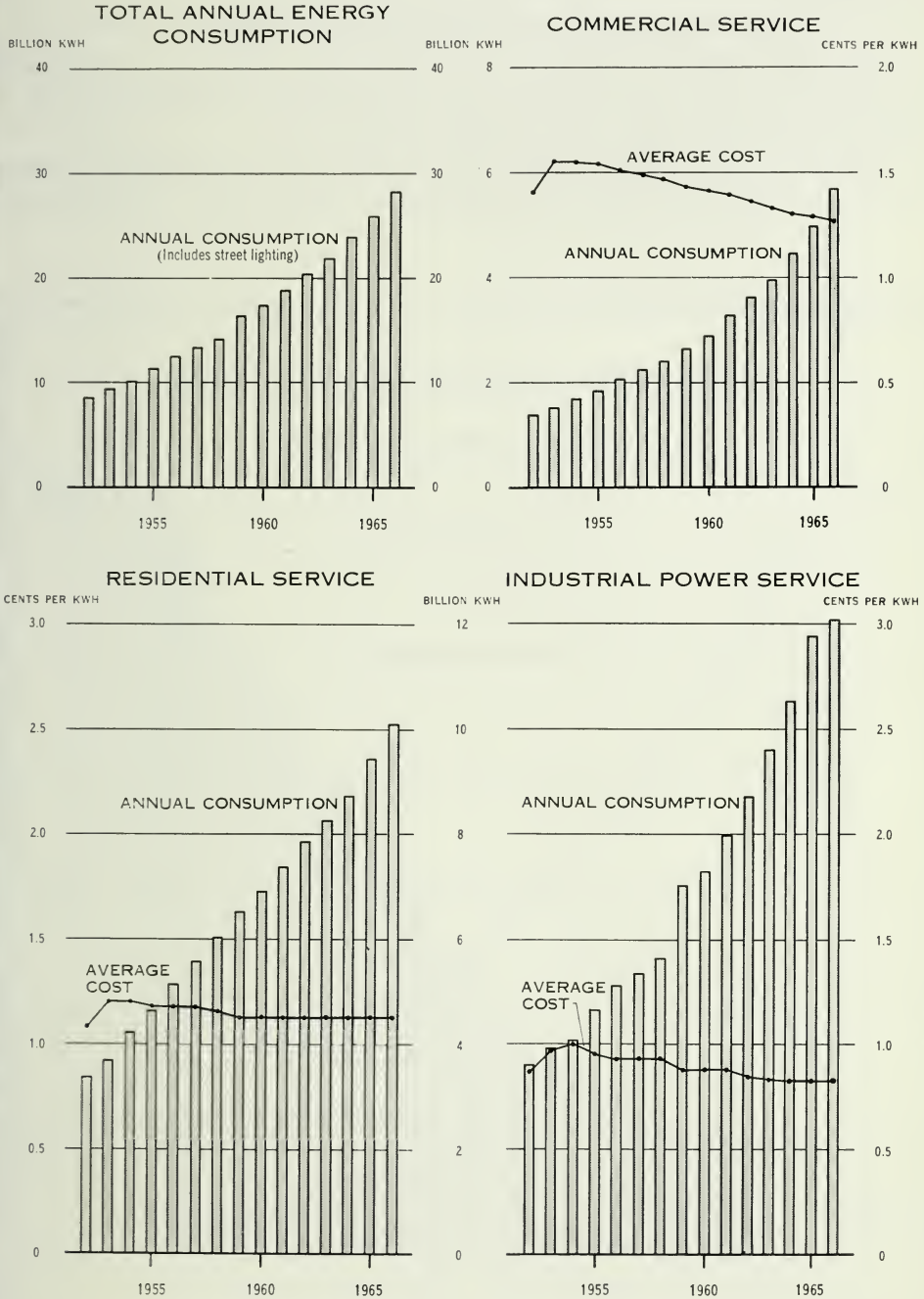
NOTE: Kwh consumption figures for residential and commercial service in the above table reflect the use of flat-rate water heaters for a uniform average of 16.8 hours per day.

All three classes of service recorded increases in revenue, consumption, number of customers, and average consumption per customer, with commercial service showing the largest proportional increases. For industrial power service, increases in revenue, consumption, and average consumption per customer were all substantially lower than in any of the past five years. While percentage growth for residential service was lower than in 1965 for revenue, consumption, number of customers, and average consumption per customer, in all respects except number of customers, growth was better than the average for the past five years. To some extent, these statistical comparisons are affected by the customer reclassification referred to in the note on the summary table.



# MUNICIPAL ELECTRICAL SERVICE

## ANNUAL ENERGY CONSUMPTION AND AVERAGE COST PER KILOWATT-HOUR

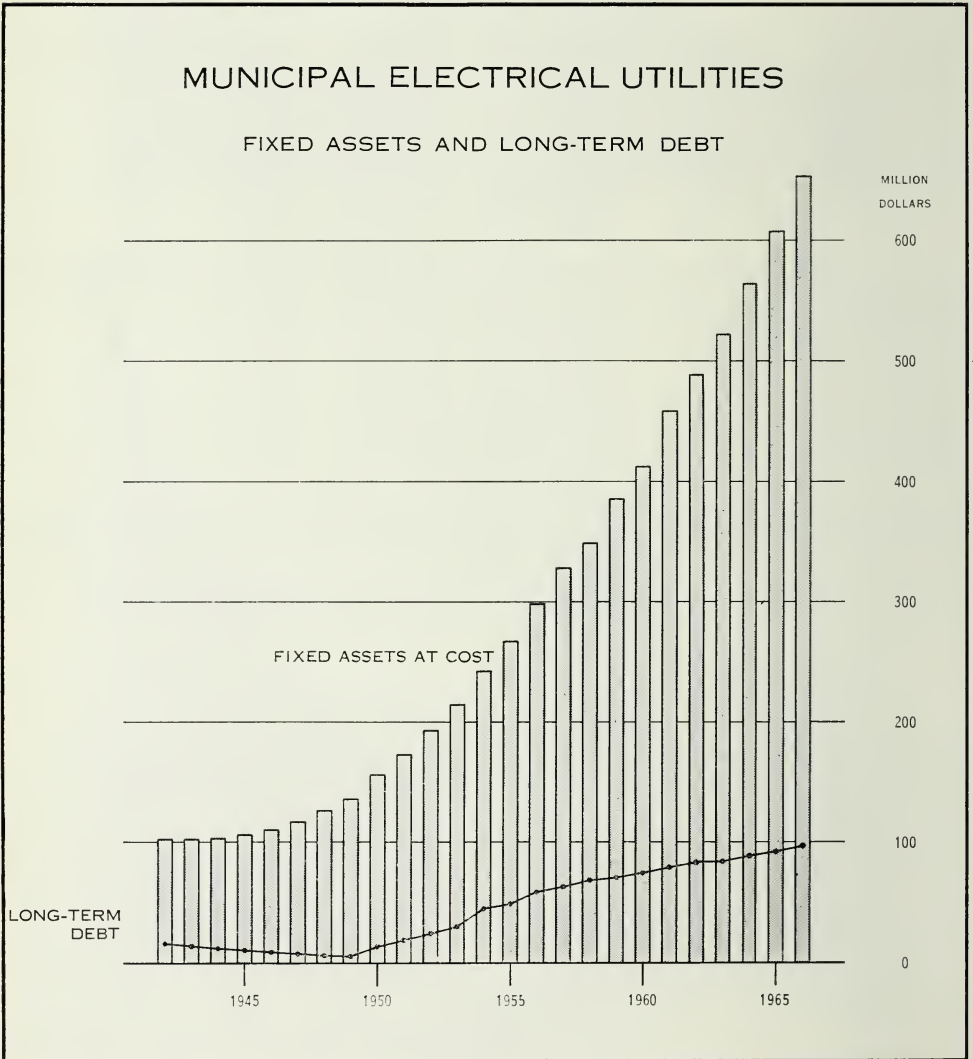


The graphs on page 157 portray the accelerating growth in commercial and industrial power service consumption and the resulting relatively steady decline in unit cost. The less rapid growth in residential service has been sufficient in recent years to maintain a steady average unit cost, in itself a significant achievement in an economy of steadily rising prices.

### MUNICIPAL ELECTRICAL UTILITIES

Total assets of the 358 municipal electrical utilities, as these were constituted at December 31, 1966, rose during the year by \$69,715,075 to \$994,362,633 after deducting accumulated depreciation of \$164,122,993.

Over 40 per cent of this total has been invested in the Commission's systems where it has been used to retire the Commission's long-term debt. This investment



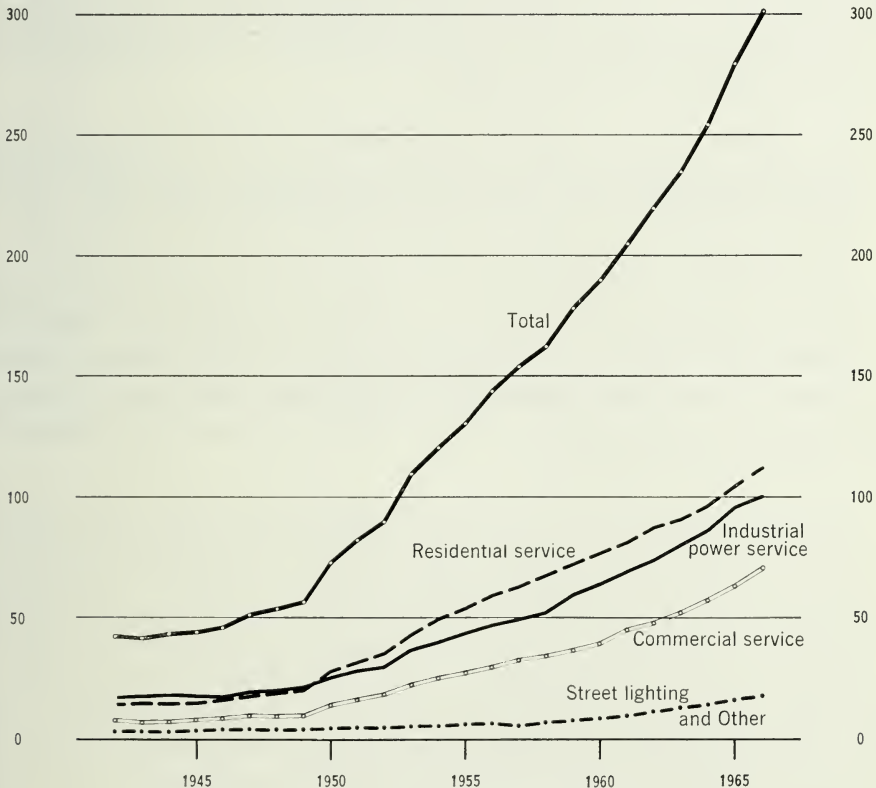
is shown on the Commission's balance sheet as capital contributed through debt retirement charges. The capital so contributed as part of the municipalities' cost of power, together with interest on previous contributions, and the cumulative total are shown for each municipality in the Commission's schedule of Equities Accumulated through Debt Retirement Charges, beginning on page 137. Most of the itemized totals shown for the municipalities in this schedule, and therefore the total of the schedule as a whole, differ from the corresponding amounts shown in Statement "A" because most utilities close their accounts at the end of the year before the Commission's calculations for this schedule are available. The figures in Statement "A", which show an increase in total equity of \$27,622,781, are therefore for the most part as at the end of 1965 rather than the year under review.

## MUNICIPAL ELECTRICAL UTILITIES

### REVENUE

MILLION  
DOLLARS

MILLION  
DOLLARS





The investment of the municipal electrical utilities in fixed assets at cost increased by \$46,452,493 to a total of \$654,128,175. Net long-term debt, that is debentures outstanding less local sinking fund set aside specifically for the retirement of debt, rose only by \$3,860,539 to \$88,226,643. The remainder of the increase in fixed assets at cost was available from internally generated funds. Net debt expressed as a percentage of fixed assets at cost declined from 13.9 per cent at the end of 1965 to 13.5 per cent at the end of 1966.

Total revenues of the municipal electrical utilities were up by 7.8 per cent to \$301,140,542. The sources were as follows:

|                                |               |
|--------------------------------|---------------|
| Residential Service .....      | \$112,185,553 |
| Commercial Service .....       | 70,853,012    |
| Industrial Power Service ..... | 100,046,580   |
| Street Lighting .....          | 9,414,808     |
| Other .....                    | 8,640,589     |
| <hr/>                          |               |
| Total .....                    | \$301,140,542 |

Two utilities, Stratford and Windsor, in 1966 introduced the general rate for application both to commercial and to industrial power service customers. Other utilities will follow this procedure in 1967. In order, however, to provide statistics on a continuing comparable basis, customers have been grouped in the table above in the same manner as in previous years.

Total expense of the municipal electrical utilities at \$279,045,984 was 8.6 per cent greater than in 1965, leaving a margin of net income of \$22,094,558. This margin was 7.3 per cent of the revenue as compared with 8.1 per cent in 1965.

The Commission regards such a margin of net income as an economical source of funds for use by the municipal utilities in the normal expansion of their systems, and also as a stabilizing factor in the process of retail rate adjustment. This is taken into consideration in all reviews of municipal utility retail rates. Under The Power Commission Act, the Commission exercises supervisory control over the activities of the municipal electrical utilities, and their rates to ultimate customers are subject to the Commission's approval.

The books of account from which the foregoing financial information is derived are kept by the utilities in accordance with a standard accounting system designed by the Commission for use by all its municipal-utility customers. These records are periodically inspected by the Commission's municipal accountants. From time to time adjustments and improvements in accounting procedure and office routine are recommended as required. By providing this type of assistance and supervision, the Commission seeks to ensure the correct application of rates and standard procedures and the observance of a uniform classification of revenues and expenditures. The work carried out by the Commission's municipal accountants on the utilities' behalf does not, however, constitute an audit of their accounts. The municipalities must make their own arrangements for this audit.

## MUNICIPAL ELECTRICAL SERVICE

### Statistical Tables

#### STATEMENTS A and B—

| Financial Statements of the Municipal Electrical Utilities | Page |
|--|------|
| Consolidated for Years 1957 to 1966 .....                  | 162  |
| By Municipalities .....                                    | 164  |

#### STATEMENT C—

|  |     |
|--|-----|
| Rates and Typical Bills for Electrical Service Provided by the 358 Municipal Electrical Utilities and by Commission-owned Distribution Facilities in 28 Towns and Villages | 214 |
|--|-----|

#### STATEMENT D—

|   |     |
|---|-----|
| Customers, Revenue, and Consumption in Municipalities Served by the 358 Municipal Electrical Utilities and by Commission-owned Distribution Facilities in 28 Towns and Villages ..... | 236 |
|---|-----|

## MUNICIPAL ELECTRICAL UTILITIES

| Year.....  | 1957               | 1958               | 1959               | 1960               |
|--|--------------------|--------------------|--------------------|--------------------|
| Number of municipal utilities included                                 | 351                | 354                | 354                | 354                |
| <b>A. BALANCE SHEETS</b>   |                    |                    |                    |                    |
| <b>FIXED ASSETS</b>  | \$                 | \$                 | \$                 | \$                 |
| Plant and facilities at cost.....                                      | 327,925,974        | 349,706,161        | 385,419,306        | 413,611,989        |
| Accumulated depreciation.....  | 68,075,083         | 72,673,866         | 77,551,575         | 82,246,973         |
| Net fixed assets.....  | 258,950,891        | 277,032,295        | 307,867,731        | 331,365,016        |
| <b>CURRENT ASSETS</b>  |                    |                    |                    |                    |
| Cash on hand and in bank.....  | 10,819,896         | 10,769,037         | 10,400,010         | 12,250,801         |
| Short term investments.....  |                    |                    |                    |                    |
| Investment in government securities                                    | 14,174,408         | 13,333,906         | 15,560,183         | 13,990,120         |
| Accounts receivable (net).....   | 12,573,922         | 13,911,267         | 13,463,791         | 12,868,807         |
| Total current assets.....  | 37,568,226         | 38,014,210         | 39,423,984         | 39,109,728         |
| <b>OTHER ASSETS</b>  |                    |                    |                    |                    |
| Inventory of stores.....   | 9,579,584          | 17,237,653         | 9,381,215          | 9,197,511          |
| Sinking fund on local debentures...                                    | 561,622            | 1,033,436          | 1,726,182          | 2,316,958          |
| Miscellaneous.....   | 1,894,582          | 2,214,392          | 2,421,279          | 2,553,588          |
| Total other assets.....  | 12,035,788         | 20,485,481         | 13,528,676         | 14,068,057         |
| Equity in Ontario Hydro Systems....                                    | 202,293,236        | 218,736,441        | 238,790,589        | 261,101,650        |
| <b>Total.....</b>  | <b>508,848,141</b> | <b>554,268,427</b> | <b>599,610,980</b> | <b>645,644,451</b> |
| <b>LIABILITIES</b>   |                    |                    |                    |                    |
| Debentures outstanding.....  | 63,315,360         | 69,363,792         | 70,456,844         | 72,429,684         |
| Accounts payable.....  | 11,226,905         | 10,105,465         | 10,589,995         | 10,485,382         |
| Other.....   | 4,207,237          | 6,175,200          | 6,565,031          | 7,146,524          |
| Total liabilities.....   | 78,749,502         | 85,644,457         | 87,611,870         | 92,061,590         |
| <b>RESERVES</b>  |                    |                    |                    |                    |
| Equity in Ontario Hydro Systems..                                      | 200,293,236        | 218,736,441        | 238,790,589        | 261,101,650        |
| Other.....   | 5,658,849          | 3,507,375          | 2,864,918          | 2,920,005          |
| Total reserves.....  | 205,952,085        | 222,243,816        | 241,655,507        | 264,021,655        |
| <b>CAPITAL</b>   |                    |                    |                    |                    |
| Debentures redeemed.....   | 72,087,556         | 75,021,200         | 77,881,620         | 81,266,027         |
| Local sinking fund.....  | 561,622            | 1,033,436          | 1,726,182          | 2,316,958          |
| Accumulated net income invested in<br>plant or held as working funds.. | 152,057,614        | 170,871,551        | 190,444,985        | 205,984,657        |
| Contributed capital.....   |                    |                    |                    |                    |
| Frequency standardization expense<br>charged this year.....            | 560,238            | 546,033            | 290,816            | 6,436              |
| Total capital.....   | 224,146,554        | 246,380,154        | 270,343,603        | 289,561,206        |
| <b>Total.....</b>  | <b>508,848,141</b> | <b>554,268,427</b> | <b>599,610,980</b> | <b>645,644,451</b> |
| <b>B. OPERATING STATEMENTS</b>   |                    |                    |                    |                    |
| <b>REVENUE</b>   |                    |                    |                    |                    |
| Sales of electric energy.....  | 151,855,664        | 160,700,759        | 175,686,813        | 186,599,701        |
| Other.....   | 1,580,224          | 1,723,986          | 2,400,070          | 2,720,870          |
| <b>Total revenue.....</b>  | <b>153,435,888</b> | <b>162,424,745</b> | <b>178,086,883</b> | <b>189,320,571</b> |
| <b>EXPENSE</b>   |                    |                    |                    |                    |
| Power purchased.....   | 92,682,089         | 98,563,451         | 111,160,867        | 122,634,361        |
| Local generation.....  | 575,771            | 509,240            | 531,076            | 536,118            |
| Operation and maintenance.....   | 14,362,587         | 15,544,060         | 17,065,080         | 18,273,164         |
| Administration.....  | 12,086,583         | 13,654,386         | 14,954,828         | 15,766,246         |
| Fixed charges—interest and principal                                   | 5,504,842          | 6,175,773          | 6,824,770          | 7,440,556          |
| —depreciation.....   | 8,389,004          | 9,216,594          | 10,030,350         | 10,750,710         |
| —other.....  | 53,525             | 13,060             | 14,316             | 22,506             |
| Total expense.....   | 133,654,401        | 143,676,564        | 160,581,287        | 175,423,661        |
| <b>Net income or net expense.....</b>                                  | <b>19,781,487</b>  | <b>18,748,181</b>  | <b>17,505,596</b>  | <b>13,896,910</b>  |
| Number of customers.....   | 1,192,357          | 1,255,805          | 1,310,099          | 1,351,915          |



## CONSOLIDATED FINANCIAL STATEMENTS 1957-1966

| 1961               | 1962               | 1963               | 1964               | 1965               | 1966               |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 354                | 355                | 355                | 357                | 360                | 358                |
| \$                 | \$                 | \$                 | \$                 | \$                 | \$                 |
| 457,392,623        | 488,393,074        | 523,032,765        | 564,408,772        | 607,675,682        | 654,128,175        |
| 100,165,249        | 109,914,757        | 120,564,846        | 133,554,046        | 148,250,022        | 164,122,993        |
| 357,227,374        | 378,478,317        | 402,467,919        | 430,854,726        | 459,425,660        | 490,005,182        |
| 15,105,454         | 18,063,961         | 19,175,569         | 22,394,390         | 29,195,624         | 12,138,312         |
| 14,672,152         | 16,984,376         | 16,225,459         | 13,290,755         | 9,749,732          | 19,530,448         |
| 14,190,953         | 15,807,380         | 15,572,525         | 16,566,500         | 18,398,616         | 9,515,323          |
| 43,968,559         | 50,855,717         | 50,973,553         | 52,251,645         | 57,343,972         | 23,415,599         |
| 9,590,459          | 9,742,156          | 10,351,372         | 10,878,773         | 12,648,044         | 64,599,682         |
| 3,261,509          | 4,312,070          | 5,442,451          | 6,626,453          | 7,740,863          | 14,192,035         |
| 2,643,494          | 2,715,626          | 3,235,378          | 6,505,335          | 8,782,008          | 9,073,286          |
| 15,495,462         | 16,769,852         | 19,029,201         | 24,010,561         | 29,170,915         | 10,162,656         |
| 282,255,861        | 305,826,987        | 329,924,857        | 354,153,351        | 378,707,011        | 33,427,977         |
| <b>698,947,256</b> | <b>751,930,873</b> | <b>802,395,530</b> | <b>861,270,283</b> | <b>924,647,558</b> | <b>994,362,633</b> |
| 81,812,075         | 83,167,367         | 82,865,177         | 87,951,607         | 92,106,967         | 97,299,929         |
| 12,594,844         | 12,753,744         | 12,860,334         | 14,627,872         | 17,815,810         | 21,534,264         |
| 7,860,946          | 8,254,687          | 8,534,095          | 9,799,228          | 10,515,302         | 10,693,822         |
| 102,267,865        | 104,175,798        | 104,259,606        | 112,378,707        | 120,438,079        | 129,528,015        |
| 282,255,861        | 305,826,987        | 329,924,857        | 354,153,351        | 378,707,011        | 406,329,792        |
| 2,468,637          | 2,481,991          | 2,323,811          | 2,251,343          | 2,156,022          | 1,842,605          |
| 284,724,498        | 308,308,978        | 332,248,668        | 356,404,694        | 380,863,033        | 408,172,397        |
| 84,572,157         | 88,386,510         | 92,400,155         | 96,501,461         | 101,145,958        | 105,895,961        |
| 3,261,509          | 4,312,070          | 5,442,451          | 6,626,453          | 7,740,863          | 9,073,286          |
| 224,121,227        | 246,747,517        | 258,763,652        | 278,077,894        | 300,558,283        | 323,795,867        |
| .....              | .....              | 9,280,998          | 11,281,074         | 13,901,342         | 17,897,107         |
| .....              | .....              | .....              | .....              | .....              | .....              |
| 311,954,893        | 339,446,097        | 365,887,256        | 392,486,882        | 423,346,446        | 456,662,221        |
| <b>698,947,256</b> | <b>751,930,873</b> | <b>802,395,530</b> | <b>861,270,283</b> | <b>924,647,558</b> | <b>994,362,633</b> |
| 201,891,409        | 216,412,017        | 230,166,226        | 247,890,291        | 272,214,069        | 292,499,953        |
| 3,274,114          | 4,439,792          | 5,324,613          | 6,108,283          | 7,176,496          | 8,640,589          |
| <b>205,165,523</b> | <b>220,851,809</b> | <b>235,490,839</b> | <b>253,998,574</b> | <b>279,390,565</b> | <b>301,140,542</b> |
| 130,857,200        | 139,291,682        | 152,433,112        | 167,184,292        | 184,480,710        | 201,058,552        |
| 529,955            | 570,500            | 572,079            | 564,536            | 571,767            | 612,063            |
| 19,486,528         | 20,760,837         | 21,989,333         | 23,527,954         | 21,920,862         | 23,123,145         |
| 17,342,308         | 18,482,105         | 19,550,879         | 20,367,906         | 21,816,697         | 23,762,160         |
| 8,203,772          | 8,912,277          | 9,135,950          | 9,678,755          | 10,222,785         | 11,045,582         |
| 11,466,692         | 11,655,654         | 12,557,510         | 13,486,318         | 17,744,672         | 19,352,182         |
| 81,734             | 73,080             | 76,738             | 26,460             | 78,450             | 92,300             |
| <b>187,968,189</b> | <b>199,746,135</b> | <b>216,315,601</b> | <b>234,836,221</b> | <b>256,835,943</b> | <b>279,045,984</b> |
| <b>17,197,334</b>  | <b>21,105,674</b>  | <b>19,175,238</b>  | <b>19,162,353</b>  | <b>22,554,622</b>  | <b>22,094,558</b>  |
| 1,423,427          | 1,460,553          | 1,497,857          | 1,552,238          | 1,595,343          | 1,630,255          |

## Municipal Electrical Utilities Financial

| Municipality .....  | Acton            | Ailsa Craig    | Ajax             | Alexandria     | Alfred         | Alliston       |
|---|------------------|----------------|------------------|----------------|----------------|----------------|
| Population .....  | 4,353            | 547            | 9,236            | 2,783          | 1,072          | 3,263          |
| <b>A. BALANCE SHEETS</b>  |                  |                |                  |                |                |                |
| <b>FIXED ASSETS</b>   | \$               | \$             | \$               | \$             | \$             | \$             |
| Plant and facilities at cost .....                                      | 570,795          | 60,448         | 1,239,417        | 372,028        | 97,161         | 334,743        |
| Accumulated depreciation .....  | 109,192          | 7,613          | 388,018          | 117,830        | 33,131         | 92,489         |
| Net fixed assets .....  | 461,603          | 52,835         | 851,399          | 254,198        | 64,030         | 242,254        |
| <b>CURRENT ASSETS</b>   |                  |                |                  |                |                |                |
| Cash on hand and in bank .....  | 78,791           | 14,752         | 57,841           | 13,097         | 19,339         | 30             |
| Short-term investments .....  |                  |                | 45,000           |                |                | 25,000         |
| Investment in government securities .....                               | 3,000            |                | 850              | 13,000         |                | 23,000         |
| Accounts receivable (net) .....   | 6,114            | 144            | 53,909           | 3,469          | 731            | 8,257          |
| Total current assets .....  | 87,905           | 14,896         | 157,600          | 29,566         | 20,070         | 56,287         |
| <b>OTHER ASSETS</b>   |                  |                |                  |                |                |                |
| Inventory of stores .....   | 1,425            |                | 27,051           | 15,181         |                | 4,786          |
| Sinking fund on local debentures .....                                  |                  |                |                  |                |                |                |
| Miscellaneous .....   | 1,194            | 232            | 5,926            | 253            | 518            | 343            |
| Total other assets .....  | 2,619            | 232            | 32,977           | 15,434         | 518            | 5,129          |
| Equity in Ontario Hydro Systems .....                                   | 550,911          | 60,402         | 281,532          | 225,004        | 24,475         | 230,376        |
| <b>Total .....</b>  | <b>1,103,038</b> | <b>128,365</b> | <b>1,323,508</b> | <b>524,202</b> | <b>109,093</b> | <b>534,046</b> |
| <b>LIABILITIES</b>  |                  |                |                  |                |                |                |
| Debentures outstanding .....  | 43,100           |                | 350,000          |                | 20,500         |                |
| Accounts payable .....  | 11,100           |                | 7,015            | 6,386          | 354            | 2,225          |
| Other .....   | 11,453           | 1,853          | 87,257           | 14,564         | 2,354          | 7,470          |
| Total liabilities .....   | 65,653           | 1,853          | 444,272          | 20,950         | 23,208         | 9,695          |
| <b>RESERVES</b>   |                  |                |                  |                |                |                |
| Equity in Ontario Hydro Systems .....                                   | 550,911          | 60,402         | 281,532          | 225,004        | 24,475         | 230,376        |
| Other .....   |                  |                |                  |                |                |                |
| Total reserves .....  | 550,911          | 60,402         | 281,532          | 225,004        | 24,475         | 230,376        |
| <b>CAPITAL</b>  |                  |                |                  |                |                |                |
| Debentures redeemed .....   | 40,839           | 6,883          | 147,298          | 53,078         | 17,500         | 29,990         |
| Local sinking fund .....  |                  |                |                  |                |                |                |
| Accumulated net income invested in plant or held as working funds ..... | 429,371          | 59,227         | 380,339          | 222,742        | 42,910         | 261,985        |
| Contributed capital .....   | 16,264           |                | 70,067           | 2,428          | 1,000          | 2,000          |
| Total capital .....   | 486,474          | 66,110         | 597,704          | 278,248        | 61,410         | 293,975        |
| <b>Total .....</b>  | <b>1,103,038</b> | <b>128,365</b> | <b>1,323,508</b> | <b>524,202</b> | <b>109,093</b> | <b>534,046</b> |
| <b>B. OPERATING STATEMENTS</b>  |                  |                |                  |                |                |                |
| <b>REVENUE</b>  |                  |                |                  |                |                |                |
| Sales of electric energy .....  | 313,149          | 26,396         | 547,728          | 186,578        | 49,130         | 206,186        |
| Other .....   | 8,162            | 211            | 15,030           | 7,707          | 594            | 7,653          |
| <b>Total revenue .....</b>  | <b>321,311</b>   | <b>26,607</b>  | <b>562,758</b>   | <b>194,285</b> | <b>49,724</b>  | <b>213,839</b> |
| <b>EXPENSE</b>  |                  |                |                  |                |                |                |
| Power purchased .....   | 209,071          | 17,476         | 374,373          | 131,304        | 33,630         | 130,087        |
| Local generation .....  |                  |                |                  |                |                |                |
| Operation and maintenance .....   | 25,928           | 1,902          | 36,057           | 14,311         | 2,232          | 19,443         |
| Administration .....  | 17,156           | 1,672          | 51,960           | 13,141         | 4,482          | 19,409         |
| Fixed charges—interest and principal .....                              | 6,146            |                | 38,926           |                | 2,997          |                |
| —depreciation .....   | 13,241           | 1,522          | 40,258           | 11,419         | 3,160          | 8,395          |
| —other .....  |                  |                |                  |                |                |                |
| <b>Total expense .....</b>  | <b>271,542</b>   | <b>22,572</b>  | <b>541,574</b>   | <b>170,175</b> | <b>46,501</b>  | <b>177,334</b> |
| <b>Net income or net expense .....</b>                                  | <b>49,769</b>    | <b>4,035</b>   | <b>21,184</b>    | <b>24,110</b>  | <b>3,223</b>   | <b>36,505</b>  |
| Number of customers .....   | 1,358            | 231            | 2,701            | 1,019          | 348            | 1,182          |

## Statements for the Year Ended December 31, 1966

| Almnte                   | Alvinston              | Amherst-<br>burg         | Ancaster<br>Twp.        | Apple Hill             | Arkona                 | Arnprior                 | Arthur                  | Athens                 |
|--------------------------|------------------------|--------------------------|-------------------------|------------------------|------------------------|--------------------------|-------------------------|------------------------|
| 3,518                    | 641                    | 4,443                    | 14,888                  | 325                    | 397                    | 5,334                    | 1,270                   | 1,003                  |
| \$<br>543,222<br>128,170 | \$<br>83,833<br>28,629 | \$<br>557,347<br>150,708 | \$<br>318,668<br>84,646 | \$<br>28,743<br>10,207 | \$<br>52,764<br>18,375 | \$<br>604,467<br>135,143 | \$<br>151,493<br>39,282 | \$<br>79,468<br>20,619 |
| 415,052                  | 55,204                 | 406,639                  | 234,022                 | 18,536                 | 34,389                 | 469,324                  | 112,211                 | 58,849                 |
| 20,833                   | 4,236                  | 25,391                   | 12,108                  | 8,834                  | 14,887                 | 36,505                   | 5,367                   | 3,577                  |
| 13,000                   | 4,000                  | 59,000                   | 59,000                  |                        |                        |                          |                         |                        |
| 13,000                   | 3,500                  | 27,948                   |                         |                        | 7,000                  | 40,000                   | 10,000                  | 10,000                 |
| 5,146                    | 972                    | 4,349                    | 10,120                  | 619                    | 1,634                  | 4,103                    | 1,196                   | 1,597                  |
| 38,979                   | 12,708                 | 57,688                   | 81,228                  | 9,453                  | 23,521                 | 80,608                   | 16,563                  | 15,174                 |
| 5,544                    |                        | 29,442                   | 289                     |                        |                        | 3,795                    | 304                     |                        |
|                          | 135                    | 1,542                    | 1,291                   | 150                    | 45                     | 4,991                    | 424                     |                        |
| 5,544                    | 135                    | 30,984                   | 1,580                   | 150                    | 45                     | 8,786                    | 728                     |                        |
| 118,899                  | 64,581                 | 443,049                  | 205,756                 | 17,591                 | 47,169                 | 375,544                  | 106,405                 | 54,454                 |
| <b>578,474</b>           | <b>132,628</b>         | <b>938,360</b>           | <b>522,586</b>          | <b>45,730</b>          | <b>105,124</b>         | <b>934,262</b>           | <b>235,907</b>          | <b>128,477</b>         |
|                          |                        | 1,400                    | 39,318                  |                        |                        | 37,818                   | 10,600                  |                        |
| 10,450                   | 269                    | 3,579                    | 2,077                   | 88                     | 638                    | 7,045                    | 11                      | 104                    |
| 2,459                    | 155                    | 4,297                    | 2,855                   | 37                     | 20                     | 10,466                   | 849                     | 456                    |
| 12,909                   | 424                    | 9,276                    | 44,250                  | 125                    | 658                    | 55,329                   | 11,460                  | 560                    |
| 118,899                  | 64,581                 | 443,049                  | 205,756                 | 17,591                 | 47,169                 | 375,544                  | 106,405                 | 54,454                 |
|                          |                        |                          |                         |                        |                        | 942                      |                         |                        |
| 118,899                  | 64,581                 | 443,049                  | 205,756                 | 17,591                 | 47,169                 | 376,486                  | 106,405                 | 54,454                 |
| 72,000                   | 23,529                 | 66,879                   | 88,928                  | 5,080                  | 13,113                 | 107,426                  | 25,314                  | 12,988                 |
| 373,187                  | 42,933                 | 419,156                  | 183,652                 | 22,934                 | 44,184                 | 383,897                  | 92,728                  | 59,861                 |
| 1,479                    | 1,161                  |                          |                         |                        |                        | 11,124                   |                         | 614                    |
| 446,666                  | 67,623                 | 486,035                  | 272,580                 | 28,014                 | 57,297                 | 502,447                  | 118,042                 | 73,463                 |
| <b>578,474</b>           | <b>132,628</b>         | <b>938,360</b>           | <b>522,586</b>          | <b>45,730</b>          | <b>105,124</b>         | <b>934,262</b>           | <b>235,907</b>          | <b>128,477</b>         |
| 159,970                  | 24,460                 | 269,690                  | 175,774                 | 8,580                  | 20,406                 | 326,585                  | 61,182                  | 30,055                 |
| 1,734                    | 394                    | 3,774                    | 4,712                   | 240                    | 576                    | 11,398                   | 735                     | 481                    |
| <b>161,704</b>           | <b>24,854</b>          | <b>273,464</b>           | <b>180,486</b>          | <b>8,820</b>           | <b>20,982</b>          | <b>337,983</b>           | <b>61,917</b>           | <b>30,536</b>          |
| 87,215                   | 9,875                  | 175,226                  | 115,400                 | 4,379                  | 17,534                 | 249,949                  | 37,635                  | 22,390                 |
| 19,321                   |                        |                          |                         |                        |                        |                          |                         |                        |
| 12,348                   | 2,235                  | 19,602                   | 10,764                  | 665                    | 1,236                  | 18,084                   | 7,731                   | 1,579                  |
| 19,171                   | 4,731                  | 31,018                   | 14,635                  | 1,436                  | 1,313                  | 22,488                   | 4,899                   | 2,253                  |
|                          |                        | 1,554                    | 6,456                   |                        |                        | 5,391                    | 1,062                   |                        |
| 13,146                   | 2,775                  | 13,619                   | 9,256                   | 963                    | 1,718                  | 21,099                   | 4,363                   | 2,324                  |
|                          |                        |                          |                         |                        |                        |                          |                         |                        |
| <b>151,201</b>           | <b>19,616</b>          | <b>241,019</b>           | <b>156,511</b>          | <b>7,443</b>           | <b>21,801</b>          | <b>317,011</b>           | <b>55,690</b>           | <b>28,546</b>          |
| <b>10,503</b>            | <b>5,238</b>           | <b>32,445</b>            | <b>23,975</b>           | <b>1,377</b>           | <b>819</b>             | <b>20,972</b>            | <b>6,227</b>            | <b>1,990</b>           |
| 1,215                    | 341                    | 1,469                    | 1,153                   | 116                    | 200                    | 1,881                    | 520                     | 366                    |



## Municipal Electrical Utilities Financial

| Municipality.....  | Atikokan<br>Twp. | Aurora           | Avonmore      | Aylmer         | Ayr            | Baden          |
|--|------------------|------------------|---------------|----------------|----------------|----------------|
| Population.....  | 6,504            | 10,137           | 229           | 4,556          | 1,134          | 943            |
| <b>A. BALANCE SHEETS</b>   |                  |                  |               |                |                |                |
| <b>FIXED ASSETS</b>  | \$               | \$               | \$            | \$             | \$             | \$             |
| Plant and facilities at cost.....                                      | 678,359          | 847,960          | 29,896        | 505,644        | 114,378        | 105,753        |
| Accumulated depreciation.....  | 200,000          | 233,254          | 11,254        | 176,741        | 23,458         | 27,046         |
| Net fixed assets.....  | 478,359          | 614,706          | 18,642        | 328,903        | 90,920         | 78,707         |
| <b>CURRENT ASSETS</b>  |                  |                  |               |                |                |                |
| Cash on hand and in bank.....  | 14,879           | 52,917           | 4,744         | 56,556         | 50             | 12,646         |
| Short-term investments.....  | 25,000           | 214,000          |               |                |                |                |
| Investment in government securities                                    | 25,000           |                  |               |                | 9,500          |                |
| Accounts receivable (net).....   | 8,676            | 15,403           | 1,052         | 5,376          | 897            | 476            |
| Total current assets.....  | 73,555           | 282,320          | 5,796         | 61,932         | 10,447         | 13,122         |
| <b>OTHER ASSETS</b>  |                  |                  |               |                |                |                |
| Inventory of stores.....   | 10,125           | 761              |               | 551            | 48             | 170            |
| Sinking fund on local debentures.....                                  |                  |                  |               |                |                |                |
| Miscellaneous.....   | 15,404           | 5,261            | 527           | 822            | 3,800          | 106            |
| Total other assets.....  | 25,529           | 6,022            | 527           | 1,373          | 3,848          | 276            |
| Equity in Ontario Hydro Systems.....                                   | 195,982          | 370,818          | 9,720         | 427,846        | 97,315         | 140,625        |
| <b>Total.....</b>  | <b>773,425</b>   | <b>1,273,866</b> | <b>34,685</b> | <b>820,054</b> | <b>202,530</b> | <b>232,730</b> |
| <b>LIABILITIES</b>   |                  |                  |               |                |                |                |
| Debentures outstanding.....  | 248,000          | 189,000          | 10,500        | 22,000         |                |                |
| Accounts payable.....  | 7,389            | 5,742            | 278           | 373            | 4,688          | 48             |
| Other.....   | 39,738           | 17,607           | 359           | 3,418          | 966            | 320            |
| Total liabilities.....   | 295,127          | 212,349          | 11,137        | 25,791         | 5,654          | 368            |
| <b>RESERVES</b>  |                  |                  |               |                |                |                |
| Equity in Ontario Hydro Systems..                                      | 195,982          | 370,818          | 9,720         | 427,846        | 97,315         | 140,625        |
| Other.....   |                  |                  |               |                |                |                |
| Total reserves.....  | 195,982          | 370,818          | 9,720         | 427,846        | 97,315         | 140,625        |
| <b>CAPITAL</b>   |                  |                  |               |                |                |                |
| Debentures redeemed.....   | 152,000          | 34,443           | 3,500         | 66,702         | 17,503         | 5,000          |
| Local sinking fund.....  |                  |                  |               |                |                |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 111,492          | 635,915          | 10,328        | 282,760        | 81,394         | 86,737         |
| Contributed capital.....   | 18,824           | 20,341           |               | 16,955         | 664            |                |
| Total capital.....   | 282,316          | 690,699          | 13,828        | 366,417        | 99,561         | 91,737         |
| <b>Total.....</b>  | <b>773,425</b>   | <b>1,273,866</b> | <b>34,685</b> | <b>820,054</b> | <b>202,530</b> | <b>232,730</b> |
| <b>B. OPERATING STATEMENTS</b>   |                  |                  |               |                |                |                |
| <b>REVENUE</b>   |                  |                  |               |                |                |                |
| Sales of electric energy.....  | 277,122          | 448,167          | 13,639        | 272,110        | 58,386         | 51,508         |
| Other.....   | 13,005           | 28,932           | 126           | 2,945          | 976            | 317            |
| <b>Total revenue.....</b>  | <b>290,127</b>   | <b>477,099</b>   | <b>13,765</b> | <b>275,055</b> | <b>59,362</b>  | <b>51,825</b>  |
| <b>EXPENSE</b>   |                  |                  |               |                |                |                |
| Power purchased.....   | 166,774          | 309,795          | 7,580         | 199,282        | 35,602         | 36,972         |
| Local generation.....  |                  |                  |               |                |                |                |
| Operation and maintenance.....   | 35,558           | 22,092           | 1,666         | 20,749         | 5,965          | 2,473          |
| Administration.....  | 45,391           | 38,906           | 1,253         | 14,932         | 5,022          | 4,383          |
| Fixed charges—interest and principal                                   | 34,805           | 19,996           | 1,096         | 4,966          |                |                |
| —depreciation.....   | 25,187           | 27,162           | 1,015         | 14,157         | 3,227          | 3,420          |
| —other.....  |                  |                  |               |                |                |                |
| <b>Total expense.....</b>  | <b>307,715</b>   | <b>417,951</b>   | <b>12,610</b> | <b>254,086</b> | <b>49,816</b>  | <b>47,248</b>  |
| <b>Net income or net expense.....</b>                                  | <b>17,588</b>    | <b>59,148</b>    | <b>1,155</b>  | <b>20,969</b>  | <b>9,546</b>   | <b>4,577</b>   |
| Number of customers.....   | 1,804            | 2,999            | 114           | 1,588          | 412            | 304            |

## Statements for the Year Ended December 31, 1966

| Bancroft                 | Barrie                     | Barry's Bay             | Bath                   | Beachburg              | Beachville              | Beamsville              | Beaverton               | Beeton                 |
|--------------------------|----------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| 2,129                    | 24,417                     | 1,382                   | 750                    | 518                    | 933                     | 3,802                   | 1,227                   | 965                    |
| \$<br>407,857<br>119,561 | \$<br>2,858,379<br>890,762 | \$<br>114,029<br>21,345 | \$<br>85,800<br>22,543 | \$<br>71,950<br>25,804 | \$<br>127,263<br>50,674 | \$<br>313,263<br>96,995 | \$<br>190,868<br>43,319 | \$<br>79,078<br>16,477 |
| 288,296                  | 1,967,617                  | 92,684                  | 63,257                 | 46,146                 | 76,589                  | 216,268                 | 147,549                 | 62,601                 |
| 33,722                   | 150                        | 5,664                   | 26,163                 | 13,551                 | 33,246                  | 23,736                  | 4,180                   | 10,641                 |
| .....                    | .....                      | .....                   | .....                  | .....                  | .....                   | .....                   | .....                   | .....                  |
| 13,045                   | 43,404                     | 2,046                   | 605                    | 282                    | 62,552<br>804           | 10,000<br>672           | 16,000<br>1,333         | .....                  |
| 46,767                   | 43,554                     | 7,710                   | 26,768                 | 13,833                 | 96,602                  | 25,485                  | 14,852                  | 27,974                 |
| 600                      | 51,047                     | .....                   | .....                  | .....                  | 23                      | .....                   | 186                     | 119                    |
| 1,263                    | 8,406                      | .....                   | .....                  | 1,465                  | .....                   | 708                     | .....                   | .....                  |
| 1,863                    | 59,453                     | .....                   | .....                  | 1,465                  | 23                      | 708                     | 186                     | 119                    |
| 81,038                   | 1,598,600                  | 28,265                  | 31,182                 | 19,272                 | 264,986                 | 156,573                 | 132,483                 | 79,212                 |
| <b>417,964</b>           | <b>3,669,224</b>           | <b>128,659</b>          | <b>121,207</b>         | <b>80,716</b>          | <b>438,200</b>          | <b>399,034</b>          | <b>295,070</b>          | <b>169,906</b>         |
| 37,000                   | 153,000                    | .....                   | 5,000                  | 42,100                 | .....                   | .....                   | .....                   | .....                  |
| 230                      | 52,435                     | 4,213                   | 1,761                  | 209                    | 360                     | 3,194                   | 5                       | 32                     |
| 2,968                    | 26,953                     | 160                     | 803                    | 50                     | 735                     | 2,436                   | 1,190                   | 1,074                  |
| 40,198                   | 232,388                    | 4,373                   | 7,564                  | 42,359                 | 1,095                   | 5,630                   | 1,195                   | 1,106                  |
| 81,038                   | 1,598,600                  | 28,265                  | 31,182                 | 19,272                 | 264,986                 | 156,573                 | 132,483                 | 79,212                 |
| .....                    | .....                      | .....                   | .....                  | .....                  | .....                   | .....                   | .....                   | .....                  |
| 81,038                   | 1,598,600                  | 28,265                  | 31,182                 | 19,272                 | 264,986                 | 156,573                 | 132,483                 | 79,212                 |
| 95,500                   | 72,366                     | 7,500                   | 12,500                 | 9,900                  | 5,537                   | 37,500                  | 12,839                  | 13,610                 |
| .....                    | .....                      | .....                   | .....                  | .....                  | .....                   | .....                   | .....                   | .....                  |
| 191,843                  | 1,765,870                  | 88,244                  | 61,772                 | 9,185                  | 164,972                 | 199,331                 | 148,553                 | 75,978                 |
| 9,385                    | .....                      | 277                     | 8,189                  | .....                  | 1,610                   | .....                   | .....                   | .....                  |
| 296,728                  | 1,838,236                  | 96,021                  | 82,461                 | 19,085                 | 172,119                 | 236,831                 | 161,392                 | 89,588                 |
| <b>417,964</b>           | <b>3,669,224</b>           | <b>128,659</b>          | <b>121,207</b>         | <b>80,716</b>          | <b>438,200</b>          | <b>399,034</b>          | <b>295,070</b>          | <b>169,906</b>         |
| 104,505                  | 1,348,442                  | 37,513                  | 30,489                 | 27,597                 | 118,870                 | 150,119                 | 87,288                  | 34,392                 |
| 4,324                    | 28,781                     | 333                     | 480                    | 279                    | 4,535                   | 5,332                   | 875                     | 1,650                  |
| <b>108,829</b>           | <b>1,377,223</b>           | <b>37,846</b>           | <b>30,969</b>          | <b>27,876</b>          | <b>123,405</b>          | <b>155,451</b>          | <b>88,163</b>           | <b>36,042</b>          |
| 54,472                   | 995,508                    | 25,227                  | 17,486                 | 16,136                 | 109,597                 | 86,834                  | 58,872                  | 23,416                 |
| 4,553                    | .....                      | .....                   | .....                  | .....                  | .....                   | .....                   | .....                   | .....                  |
| 8,003                    | 119,216                    | 1,599                   | 1,646                  | 1,313                  | 2,251                   | 8,594                   | 7,114                   | 2,379                  |
| 13,020                   | 109,873                    | 3,941                   | 2,435                  | 2,127                  | 3,690                   | 11,103                  | 5,731                   | 2,609                  |
| 8,940                    | 17,029                     | .....                   | 803                    | 4,593                  | .....                   | .....                   | .....                   | .....                  |
| 13,591                   | 98,475                     | 3,162                   | 2,648                  | 2,366                  | 4,758                   | 12,497                  | 5,367                   | 2,917                  |
| .....                    | .....                      | .....                   | .....                  | .....                  | .....                   | .....                   | .....                   | .....                  |
| <b>102,579</b>           | <b>1,340,101</b>           | <b>33,929</b>           | <b>25,018</b>          | <b>26,535</b>          | <b>120,296</b>          | <b>119,028</b>          | <b>77,084</b>           | <b>31,321</b>          |
| <b>6,250</b>             | <b>37,122</b>              | <b>3,917</b>            | <b>5,951</b>           | <b>1,341</b>           | <b>3,109</b>            | <b>36,423</b>           | <b>11,079</b>           | <b>4,721</b>           |
| 789                      | 8,339                      | 449                     | 266                    | 222                    | 323                     | 1,281                   | 631                     | 341                    |

## Municipal Electrical Utilities Financial

| Municipality.....   | Belle<br>River | Belleville       | Belmont        | Blenheim       | Bloomfield     | Blyth          |
|---|----------------|------------------|----------------|----------------|----------------|----------------|
| Population .....  | 2,203          | 32,954           | 724            | 3,203          | 723            | 740            |
| <b>A. BALANCE SHEETS</b>  |                |                  |                |                |                |                |
| <b>FIXED ASSETS</b>   | \$             | \$               | \$             | \$             | \$             | \$             |
| Plant and facilities at cost.....                                       | 184,885        | 3,795,374        | 79,756         | 408,706        | 66,954         | 98,456         |
| Accumulated depreciation .....  | 37,079         | 908,419          | 23,187         | 104,030        | 28,285         | 27,651         |
| Net fixed assets .....  | 147,806        | 2,886,955        | 56,569         | 304,676        | 38,669         | 70,805         |
| <b>CURRENT ASSETS</b>   |                |                  |                |                |                |                |
| Cash on hand and in bank.....   | 2,025          | 34,502           | 19,113         | 8,735          | 11,912         | 2,199          |
| Short-term investments.....   |                | 250,000          |                | 14,621         |                |                |
| Investment in government securities                                     | 7,000          |                  | 9,650          |                | 5,993          | 9,458          |
| Accounts receivable (net).....  | 1,585          | 96,975           | 457            | 4,826          | 265            | 212            |
| Total current assets.....   | 10,610         | 381,477          | 29,220         | 28,182         | 18,170         | 11,869         |
| <b>OTHER ASSETS</b>   |                |                  |                |                |                |                |
| Inventory of stores .....   | 1,259          | 44,394           |                | 2,470          | 150            | 29             |
| Sinking fund on local debentures ..                                     |                |                  |                |                |                |                |
| Miscellaneous.....  |                | 16,546           | 4,764          | 262            |                |                |
| Total other assets .....  | 1,259          | 60,940           | 4,764          | 2,732          | 150            | 29             |
| Equity in Ontario Hydro Systems ..                                      | 94,048         | 2,141,741        | 23,386         | 223,543        | 56,540         | 84,954         |
| <b>Total.....</b>   | <b>253,723</b> | <b>5,471,113</b> | <b>113,939</b> | <b>559,133</b> | <b>113,529</b> | <b>167,657</b> |
| <b>LIABILITIES</b>  |                |                  |                |                |                |                |
| Debentures outstanding.....   |                | 779,000          | 50,500         | 17,990         |                |                |
| Accounts payable.....   | 6,155          | 17,717           | 61             | 284            | 431            | 82             |
| Other.....  | 1,036          | 82,138           | 1,815          | 8,430          | 580            | 180            |
| Total liabilities.....  | 7,191          | 878,855          | 52,376         | 26,704         | 1,011          | 262            |
| <b>RESERVES</b>   |                |                  |                |                |                |                |
| Equity in Ontario Hydro Systems ..                                      | 94,048         | 2,141,741        | 23,386         | 223,543        | 56,540         | 84,954         |
| Other.....  |                |                  |                |                |                |                |
| Total reserves.....   | 94,048         | 2,141,741        | 23,386         | 223,543        | 56,540         | 84,954         |
| <b>CAPITAL</b>  |                |                  |                |                |                |                |
| Debentures redeemed.....  | 19,555         | 250,997          | 3,659          | 80,470         | 9,796          | 16,033         |
| Local sinking fund.....   |                |                  |                |                |                |                |
| Accumulated net income invested in<br>plant or held as working funds .. | 132,929        | 2,186,224        | 32,697         | 228,416        | 46,182         | 66,408         |
| Contributed capital.....  |                | 13,296           | 1,821          |                |                |                |
| Total capital.....  | 152,484        | 2,450,517        | 38,177         | 308,886        | 55,978         | 82,441         |
| <b>Total.....</b>   | <b>253,723</b> | <b>5,471,113</b> | <b>113,939</b> | <b>559,133</b> | <b>113,529</b> | <b>167,657</b> |
| <b>B. OPERATING STATEMENTS</b>  |                |                  |                |                |                |                |
| <b>REVENUE</b>  |                |                  |                |                |                |                |
| Sales of electric energy.....   | 82,945         | 1,687,804        | 68,697         | 150,967        | 27,801         | 48,411         |
| Other.....  | 1,417          | 87,309           | 2,406          | 1,971          | 459            | 1,133          |
| <b>Total revenue.....</b>   | <b>84,362</b>  | <b>1,775,113</b> | <b>71,103</b>  | <b>152,938</b> | <b>28,260</b>  | <b>49,544</b>  |
| <b>EXPENSE</b>  |                |                  |                |                |                |                |
| Power purchased.....  | 42,909         | 1,052,057        | 50,298         | 85,380         | 17,532         | 32,673         |
| Local generation .....  |                |                  |                |                |                |                |
| Operation and maintenance.....  | 8,812          | 114,864          | 1,533          | 14,472         | 2,177          | 4,450          |
| Administration.....   | 9,144          | 162,241          | 3,596          | 25,466         | 3,518          | 2,452          |
| Fixed charges—interest and principal                                    |                | 66,522           | 4,638          | 5,959          |                |                |
| —depreciation.....  | 5,452          | 110,464          | 3,399          | 11,415         | 2,242          | 3,235          |
| —other.....   |                |                  |                |                |                |                |
| <b>Total expense.....</b>   | <b>66,317</b>  | <b>1,506,148</b> | <b>63,464</b>  | <b>142,692</b> | <b>25,469</b>  | <b>42,810</b>  |
| <b>Net income or net expense.....</b>                                   | <b>18,045</b>  | <b>268,965</b>   | <b>7,639</b>   | <b>10,246</b>  | <b>2,791</b>   | <b>6,734</b>   |
| Number of customers.....  | 807            | 11,212           | 244            | 1,250          | 300            | 340            |



## Statements for the Year Ended December 31, 1966

| Bobcaygeon              | Bolton                  | Bothwell               | Bowman-<br>ville         | Bracebridge              | Bradford                | Braeside              | Brampton                   | Brantford                    |
|-------------------------|-------------------------|------------------------|--------------------------|--------------------------|-------------------------|-----------------------|----------------------------|------------------------------|
| 1,312                   | 2,233                   | 826                    | 8,252                    | 3,044                    | 2,450                   | 521                   | 34,936                     | 58,395                       |
| \$<br>277,654<br>88,361 | \$<br>222,246<br>60,535 | \$<br>97,094<br>34,988 | \$<br>958,522<br>376,767 | \$<br>947,691<br>274,720 | \$<br>362,220<br>95,520 | \$<br>46,400<br>8,006 | \$<br>5,331,769<br>857,205 | \$<br>6,764,319<br>1,840,766 |
| 189,293                 | 161,711                 | 62,106                 | 581,755                  | 672,971                  | 266,700                 | 38,394                | 4,474,564                  | 4,923,553                    |
| 6,634                   | 10,280                  | 13,503                 | 57,389                   | 9,945                    | 1,200                   | 13,137                | 46,332                     | 375                          |
| .....                   | .....                   | .....                  | 59,452                   | 19,625                   | .....                   | 15,000                | .....                      | 32,000                       |
| 1,616                   | 12,278                  | 974                    | 10,069                   | 30,382                   | 13,077                  | 6,732                 | 166,807                    | 62,099                       |
| 8,250                   | 22,558                  | 14,477                 | 126,910                  | 59,952                   | 14,277                  | 34,869                | 213,139                    | 94,474                       |
| 4,901                   | 719                     | 123                    | 20,963                   | 7,950                    | 7,440                   | .....                 | 138,899                    | 147,957                      |
| 3,890                   | 1,611                   | .....                  | 727                      | 16,654                   | 12,062                  | .....                 | 38,639                     | 15,898                       |
| 8,791                   | 2,330                   | 123                    | 21,690                   | 24,604                   | 19,502                  | .....                 | 177,538                    | 163,855                      |
| 58,436                  | 116,720                 | 69,624                 | 751,812                  | 9,859                    | 177,697                 | 68,526                | 1,374,858                  | 6,177,524                    |
| <b>264 770</b>          | <b>303,319</b>          | <b>146,330</b>         | <b>1,482,167</b>         | <b>767,386</b>           | <b>478,176</b>          | <b>141,789</b>        | <b>6,240,099</b>           | <b>11,359,406</b>            |
| 71,500                  | 48,971                  | .....                  | .....                    | 133,571                  | .....                   | .....                 | 2,095,000                  | 276,302                      |
| 1,772                   | 2,996                   | 778                    | 5,065                    | .....                    | 3,500                   | 142                   | 399,921                    | 102,479                      |
| 7,446                   | 4,111                   | 108                    | 5,306                    | 30                       | 3,229                   | 205                   | 336,581                    | 103,912                      |
| 80,718                  | 56,078                  | 886                    | 10,371                   | 133,601                  | 6,729                   | 347                   | 2,831,502                  | 482,693                      |
| 58,436                  | 116,720                 | 69,624                 | 751,812                  | 9,859                    | 177,697                 | 68,526                | 1,374,858                  | 6,177,524                    |
| 58,436                  | 116,720                 | 69,624                 | 751,812                  | 9,859                    | 177,697                 | 68,526                | 1,374,858                  | 6,177,524                    |
| 17,500                  | 32,657                  | 5,534                  | 71,000                   | 372,229                  | 23,351                  | 6,000                 | 406,951                    | 1,165,381                    |
| 104,992                 | 93,667                  | 70,136                 | 647,544                  | 251,697                  | 270,399                 | 66,916                | 1,574,243                  | 3,405,500                    |
| 3,124                   | 4,197                   | 150                    | 1,440                    | .....                    | .....                   | .....                 | 52,545                     | 125,008                      |
| 125,616                 | 130,521                 | 75,820                 | 719,984                  | 623,926                  | 293,750                 | 72,916                | 2,033,739                  | 4,699,189                    |
| <b>264,770</b>          | <b>303,319</b>          | <b>146,330</b>         | <b>1 482 167</b>         | <b>767,386</b>           | <b>478 176</b>          | <b>141,789</b>        | <b>6 240 099</b>           | <b>11,359,406</b>            |
| 88,733                  | 114,872                 | 36,910                 | 484,486                  | 178,792                  | 142,710                 | 77,806                | 2,046,064                  | 3,052,146                    |
| 1,656                   | 3,378                   | 1,706                  | 19,432                   | 5,673                    | 3,663                   | 1,640                 | 5,740                      | 45,090                       |
| <b>90,389</b>           | <b>118 250</b>          | <b>38 616</b>          | <b>503,918</b>           | <b>184,465</b>           | <b>146,373</b>          | <b>79,446</b>         | <b>2,051,804</b>           | <b>3 097 236</b>             |
| 46,531                  | 70,774                  | 21,167                 | 373,448                  | 26,288                   | 91,999                  | 72,421                | 1,279,241                  | 2,386,265                    |
| 8,506                   | 9,995                   | 1,699                  | 27,539                   | 40,702                   | .....                   | .....                 | .....                      | .....                        |
| 10,176                  | 19,127                  | 5,771                  | 25,484                   | 22,542                   | 11,460                  | 666                   | 89,003                     | 199,061                      |
| 8,352                   | 5,818                   | .....                  | .....                    | 17,501                   | 16,671                  | 1,857                 | 116,300                    | 174,799                      |
| 9,245                   | 8,183                   | 3,369                  | 38,082                   | 29,320                   | .....                   | .....                 | 219,306                    | 54,056                       |
| .....                   | .....                   | .....                  | .....                    | 25,300                   | 11,898                  | 1,563                 | 157,657                    | 189,959                      |
| <b>82,810</b>           | <b>113,897</b>          | <b>32,006</b>          | <b>464,553</b>           | <b>161,653</b>           | <b>132,028</b>          | <b>76,507</b>         | <b>1,861,507</b>           | <b>3,004,140</b>             |
| <b>7,579</b>            | <b>4,353</b>            | <b>6 610</b>           | <b>39,365</b>            | <b>22,812</b>            | <b>14,345</b>           | <b>2,939</b>          | <b>190,297</b>             | <b>93,096</b>                |
| 767                     | 706                     | 342                    | 2,774                    | 1,286                    | 917                     | 165                   | 9,087                      | 19,034                       |

## Municipal Electrical Utilities Financial

| Municipality.....  | Brantford<br>Twp.  | Brechin          | Bridgeport        | Brigden           | Brighton          | Brockville         |
|--|--------------------|------------------|-------------------|-------------------|-------------------|--------------------|
| Population .....   | 8,851              | 268              | 2,030             | 516               | 2,752             | 19,267             |
| <b>A. BALANCE SHEETS</b>   |                    |                  |                   |                   |                   |                    |
| <b>FIXED ASSETS</b>  | \$                 | \$               | \$                | \$                | \$                | \$                 |
| Plant and facilities at cost.....                                      | 1,459,778          | 23,817           | 133,893           | 62,983            | 295,854           | 2,654,046          |
| Accumulated depreciation .....   | <del>424,290</del> | <del>6,451</del> | <del>37,864</del> | <del>17,389</del> | <del>58,495</del> | <del>614,063</del> |
| Net fixed assets .....   | 1,035,488          | 17,366           | 96,029            | 45,594            | 237,359           | 2,039,983          |
| <b>CURRENT ASSETS</b>  |                    |                  |                   |                   |                   |                    |
| Cash on hand and in bank.....  | 68,427             | 3,460            | 20,109            | 8,288             | 6,775             | 14,347             |
| Short-term investments.....  | 50,000             |                  |                   |                   |                   |                    |
| Investment in government securities .....                              |                    | 9,500            |                   | 5,393             |                   | 12,000             |
| Accounts receivable (net).....   | 4,276              | 168              | 1,123             | 538               | 3,446             | 55,125             |
| Total current assets.....  | 122,703            | 13,128           | 21,232            | 14,219            | 10,221            | 81,472             |
| <b>OTHER ASSETS</b>  |                    |                  |                   |                   |                   |                    |
| Inventory of stores.....   | 34,870             |                  | 272               |                   | 10,615            | 55,536             |
| Sinking fund on local debentures .....                                 |                    |                  |                   |                   |                   |                    |
| Miscellaneous.....   | 1,497              |                  | 102               |                   | 3,529             | 8,410              |
| Total other assets .....   | 36,367             |                  | 374               |                   | 14,144            | 63,946             |
| Equity in Ontario Hydro Systems....                                    | 435,015            | 24,609           | 85,826            | 50,068            | 155,442           | 1,641,112          |
| <b>Total.....</b>  | <b>1,629,573</b>   | <b>55,103</b>    | <b>203,461</b>    | <b>109,881</b>    | <b>417,166</b>    | <b>3,826,513</b>   |
| <b>LIABILITIES</b>   |                    |                  |                   |                   |                   |                    |
| Debentures outstanding.....  | 338,057            |                  | 18,167            |                   | 30,900            | 487,000            |
| Accounts payable.....  | 1,144              | 2                | 2,397             | 589               | 1,737             | 96,881             |
| Other.....   | 25,380             | 241              | 3,286             | 216               | 3,614             | 30,864             |
| Total liabilities.....   | 364,581            | 243              | 23,850            | 805               | 36,251            | 614,745            |
| <b>RESERVES</b>  |                    |                  |                   |                   |                   |                    |
| Equity in Ontario Hydro Systems..                                      | 435,015            | 24,609           | 85,826            | 50,068            | 155,442           | 1,641,112          |
| Other.....   |                    |                  |                   |                   |                   |                    |
| Total reserves.....  | 435,015            | 24,609           | 85,826            | 50,068            | 155,442           | 1,641,112          |
| <b>CAPITAL</b>   |                    |                  |                   |                   |                   |                    |
| Debentures redeemed.....   | 217,300            | 2,664            | 21,483            | 8,000             | 34,100            | 343,570            |
| Local sinking fund.....  |                    |                  |                   |                   |                   |                    |
| Accumulated net income invested in<br>plant or held as working funds.. | 586,784            | 27,587           | 72,302            | 51,008            | 177,270           | 1,222,779          |
| Contributed capital.....   | 25,893             |                  |                   |                   | 14,103            | 4,307              |
| Total capital.....   | 829,977            | 30,251           | 93,785            | 59,008            | 225,473           | 1,570,656          |
| <b>Total.....</b>  | <b>1,629,573</b>   | <b>55,103</b>    | <b>203,461</b>    | <b>109,881</b>    | <b>417,166</b>    | <b>3,826,513</b>   |
| <b>B. OPERATING STATEMENTS</b>   |                    |                  |                   |                   |                   |                    |
| <b>REVENUE</b>   |                    |                  |                   |                   |                   |                    |
| Sales of electric energy.....  | 610,120            | 8,795            | 90,026            | 19,197            | 121,714           | 1,145,707          |
| Other.....   | 9,013              | 389              | 560               | 534               | 1,991             | 47,275             |
| <b>Total revenue.....</b>  | <b>619,133</b>     | <b>9,184</b>     | <b>90,586</b>     | <b>19,731</b>     | <b>123,705</b>    | <b>1,192,982</b>   |
| <b>EXPENSE</b>   |                    |                  |                   |                   |                   |                    |
| Power purchased.....   | 393,736            | 5,997            | 57,964            | 10,358            | 78,467            | 798,943            |
| Local generation.....  |                    |                  |                   |                   |                   |                    |
| Operation and maintenance.....   | 49,344             | 818              | 3,685             | 1,346             | 10,852            | 74,290             |
| Administration.....  | 34,895             | 984              | 10,796            | 2,369             | 11,676            | 109,968            |
| Fixed charges—interest and principal                                   | 42,268             |                  | 2,605             |                   | 3,550             | 69,313             |
| —depreciation.....   | 45,247             | 718              | 3,971             | 1,829             | 8,057             | 83,953             |
| —other.....  |                    |                  |                   |                   |                   |                    |
| <b>Total expense.....</b>  | <b>565,490</b>     | <b>8,517</b>     | <b>79,021</b>     | <b>15,902</b>     | <b>112,602</b>    | <b>1,136,467</b>   |
| <b>Net income or net expense .....</b>                                 | <b>53,643</b>      | <b>667</b>       | <b>11,565</b>     | <b>3,829</b>      | <b>11,103</b>     | <b>56,515</b>      |
| Number of customers.....   | 2,662              | 100              | 567               | 217               | 1,068             | 6,665              |

## Statements for the Year Ended December 31, 1966

| Brussels                       | Burford                        | Burgessville                  | Burk's Falls                  | Burlington                          | Cache Bay                     | Caledonia                      | Campbell-<br>ford               | Campbell-<br>ville           |
|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------------|-------------------------------|--------------------------------|---------------------------------|------------------------------|
| 842                            | 1,078                          | 292                           | 1,070                         | 65,376                              | 623                           | 2,723                          | 3,382                           | 252                          |
| \$<br>105,152<br><i>12,864</i> | \$<br>125,231<br><i>41,811</i> | \$<br>35,312<br><i>11,171</i> | \$<br>91,103<br><i>22,299</i> | \$<br>7,034,217<br><i>1,401,090</i> | \$<br>59,663<br><i>21,465</i> | \$<br>223,776<br><i>64,746</i> | \$<br>801,983<br><i>223,286</i> | \$<br>24,722<br><i>6,576</i> |
| 92,288                         | 83,420                         | 24,141                        | 68,804                        | 5,633,127                           | 38,198                        | 159,030                        | 578,697                         | 18,146                       |
| 9,875                          | 5,280                          | 5,732                         | 9,686                         | 1,615                               | 8,639                         | 20,267                         | 9,683                           | 3,493                        |
|                                |                                |                               |                               | 205,000                             |                               |                                | 90,000                          |                              |
|                                | 3,500                          | 1,500                         | 11,690                        | 35,000                              | 21,000                        |                                |                                 | 2,449                        |
| 2,553                          | 392                            | 689                           | 3,442                         | 137,915                             | 2,141                         | 2,184                          | 6,379                           | 745                          |
| 12,428                         | 9,172                          | 7,921                         | 24,818                        | 379,530                             | 31,780                        | 22,451                         | 106,062                         | 6,687                        |
| 173                            | 71                             |                               |                               | 142,125                             | 490                           | 1,509                          | 19,842                          |                              |
|                                | 248                            |                               |                               | 81,150                              | 1,491                         | 146                            | 3,003                           | 692                          |
| 173                            | 319                            |                               |                               | 223,275                             | 1,981                         | 1,655                          | 22,845                          | 692                          |
| 94,885                         | 97,554                         | 29,449                        | 43,110                        | 1,700,146                           | 12,443                        | 142,764                        | 27,407                          | 22,000                       |
| <b>199,774</b>                 | <b>190,465</b>                 | <b>61,511</b>                 | <b>136,732</b>                | <b>7,936,078</b>                    | <b>84,402</b>                 | <b>325,900</b>                 | <b>735,011</b>                  | <b>47,525</b>                |
| 2,000                          | 6,846                          |                               |                               | 1,759,700                           |                               |                                | 124,100                         |                              |
| 2,929                          | 512                            | 474                           | 142                           | 133,740                             | 455                           | 2,026                          | 4,161                           | 140                          |
| 1,117                          | 1,531                          | 300                           | 273                           | 326,149                             | 90                            | 1,775                          | 10,082                          | 50                           |
| 6,046                          | 8,889                          | 774                           | 415                           | 2,219,589                           | 545                           | 3,801                          | 138,343                         | 190                          |
| 94,885                         | 97,554                         | 29,449                        | 43,110                        | 1,700,146                           | 12,443                        | 142,764                        | 27,407                          | 22,000                       |
| 94,885                         | 97,554                         | 29,449                        | 43,110                        | 1,700,146                           | 12,443                        | 142,764                        | 27,407                          | 22,000                       |
| 26,000                         | 14,008                         | 3,500                         | 29,147                        | 754,891                             | 25,359                        | 15,525                         | 28,400                          | 5,448                        |
| 72,843                         | 70,014                         | 27,788                        | 64,060                        | 3,074,617<br>186,835                | 46,055                        | 163,810                        | 540,861                         | 19,887                       |
| 98,843                         | 84,022                         | 31,288                        | 93,207                        | 4,016,343                           | 71,414                        | 179,335                        | 569,261                         | 25,335                       |
| <b>199,774</b>                 | <b>190,465</b>                 | <b>61,511</b>                 | <b>136,732</b>                | <b>7,936,078</b>                    | <b>84,402</b>                 | <b>325,900</b>                 | <b>735,011</b>                  | <b>47,525</b>                |
| 46,149<br>402                  | 55,199<br>2,830                | 14,653<br>402                 | 51,833<br>644                 | 3,269,824<br>96,527                 | 12,091<br>1,384               | 94,589<br>1,403                | 137,030<br>11,419               | 11,594<br>500                |
| <b>46,551</b>                  | <b>58,029</b>                  | <b>15,055</b>                 | <b>52,477</b>                 | <b>3,366,351</b>                    | <b>13,475</b>                 | <b>95,992</b>                  | <b>148,449</b>                  | <b>12,094</b>                |
| 26,906                         | 37,949                         | 9,422                         | 34,964                        | 2,150,175                           | 8,811                         | 57,014                         | 52,935                          | 7,046                        |
| 2,881                          | 6,444                          | 1,415                         | 4,333                         | 179,681                             | 1,332                         | 10,143                         | 20,512                          |                              |
| 3,953                          | 5,411                          | 759                           | 4,368                         | 200,965                             | 2,744                         | 10,772                         | 10,490                          | 633                          |
| 1,133                          | 1,219                          |                               |                               | 212,158                             |                               |                                | 33,604                          | 974                          |
| 3,011                          | 4,967                          | 1,266                         | 2,736                         | 202,646                             | 2,021                         | 7,117                          | 13,422                          |                              |
|                                |                                |                               |                               |                                     |                               |                                | 18,787                          | 952                          |
| <b>37,884</b>                  | <b>55,990</b>                  | <b>12,862</b>                 | <b>46,401</b>                 | <b>2,945,625</b>                    | <b>14,908</b>                 | <b>85,046</b>                  | <b>149,750</b>                  | <b>9,605</b>                 |
| <b>8,667</b>                   | <b>2,039</b>                   | <b>2,193</b>                  | <b>6,076</b>                  | <b>420,726</b>                      | <b>1,433</b>                  | <b>10,946</b>                  | <b>1,301</b>                    | <b>2,489</b>                 |
| 390                            | 447                            | 105                           | 375                           | 18,002                              | 175                           | 930                            | 1,360                           | 89                           |



## Municipal Electrical Utilities Financial

| Municipality.....   | Cannington     | Capreol        | Cardinal       | Carleton Place | Casselman      | Cayuga         |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| Population.....   | 1,027          | 3,098          | 1,948          | 4,917          | 1,295          | 1,016          |
| <b>A. BALANCE SHEETS</b>  |                |                |                |                |                |                |
| <b>FIXED ASSETS</b>   | \$             | \$             | \$             | \$             | \$             | \$             |
| Plant and facilities at cost.....                                   | 104,463        | 323,994        | 103,194        | 445,180        | 110,021        | 120,021        |
| Accumulated depreciation.....                                       | 25,225         | 60,980         | 27,113         | 100,999        | 26,656         | 36,215         |
| Net fixed assets.....   | 79,238         | 263,014        | 76,081         | 344,181        | 83,365         | 83,806         |
| <b>CURRENT ASSETS</b>   |                |                |                |                |                |                |
| Cash on hand and in bank.....                                       | 12,419         | 15,842         | 3,189          | 10,355         | 5,634          | 12,857         |
| Short-term investments.....   |                |                |                |                | 20,000         |                |
| Investment in government securities                                 | 8,500          |                | 1,500          | 15,100         | 14,000         | 6,000          |
| Accounts receivable (net).....                                      | 2,123          | 740            | 2,521          | 9,271          | 3,081          | 739            |
| Total current assets.....   | 23,042         | 16,582         | 7,210          | 34,726         | 42,715         | 19,596         |
| <b>OTHER ASSETS</b>   |                |                |                |                |                |                |
| Inventory of stores.....  |                |                |                | 10,076         |                | 494            |
| Sinking fund on local debentures.....                               |                |                |                |                |                |                |
| Miscellaneous.....  | 4,020          | 6,756          | 489            | 248            | 5,264          |                |
| Total other assets.....   | 4,020          | 6,756          | 489            | 10,324         | 5,264          | 494            |
| Equity in Ontario Hydro Systems....                                 | 88,805         | 52,302         | 100,259        | 536,515        | 42,553         | 68,206         |
| <b>Total.....</b>   | <b>195,105</b> | <b>338,654</b> | <b>184,039</b> | <b>925,746</b> | <b>173,897</b> | <b>172,102</b> |
| <b>LIABILITIES</b>  |                |                |                |                |                |                |
| Debentures outstanding.....   |                | 60,200         |                | 38,900         | 27,500         |                |
| Accounts payable.....   | 439            | 480            | 3,230          |                | 426            | 369            |
| Other.....  | 695            | 7,673          | 570            | 5,086          | 1,663          | 847            |
| Total liabilities.....  | 1,134          | 68,353         | 3,800          | 43,986         | 29,589         | 1,216          |
| <b>RESERVES</b>   |                |                |                |                |                |                |
| Equity in Ontario Hydro Systems..                                   | 88,805         | 52,302         | 100,259        | 536,515        | 42,553         | 68,206         |
| Other.....  |                |                |                |                |                |                |
| Total reserves.....   | 88,805         | 52,302         | 100,259        | 536,515        | 42,553         | 68,206         |
| <b>CAPITAL</b>  |                |                |                |                |                |                |
| Debentures redeemed.....  | 14,532         | 61,800         | 11,014         | 69,397         | 42,500         | 20,000         |
| Local sinking fund.....   |                |                |                |                |                |                |
| Accumulated net income invested in plant or held as working funds.. | 90,634         | 153,583        | 68,966         | 259,349        | 58,855         | 82,680         |
| Contributed capital.....  |                | 2,616          |                | 16,499         | 400            |                |
| Total capital.....  | 105,166        | 217,999        | 79,980         | 345,245        | 101,755        | 102,680        |
| <b>Total.....</b>   | <b>195,105</b> | <b>338,654</b> | <b>184,039</b> | <b>925,746</b> | <b>173,897</b> | <b>172,102</b> |
| <b>B. OPERATING STATEMENTS</b>                                      |                |                |                |                |                |                |
| <b>REVENUE</b>  |                |                |                |                |                |                |
| Sales of electric energy.....                                       | 46,307         | 141,752        | 53,515         | 242,588        | 55,415         | 49,183         |
| Other.....  | 842            | 713            | 1,021          | 1,638          | 2,329          | 875            |
| <b>Total revenue.....</b>   | <b>47,149</b>  | <b>142,465</b> | <b>54,536</b>  | <b>244,226</b> | <b>57,744</b>  | <b>50,058</b>  |
| <b>EXPENSE</b>  |                |                |                |                |                |                |
| Power purchased.....  | 29,679         | 84,691         | 37,227         | 126,033        | 35,249         | 25,768         |
| Local generation.....   |                |                |                |                |                |                |
| Operation and maintenance.....                                      | 1,898          | 7,581          | 4,468          | 22,930         | 1,378          | 4,836          |
| Administration.....   | 3,772          | 16,165         | 5,504          | 31,125         | 5,574          | 5,854          |
| Fixed charges—interest and principal                                |                | 8,719          |                | 6,105          | 5,981          |                |
| —depreciation.....  | 3,476          | 8,140          | 3,001          | 11,705         | 3,083          | 3,818          |
| —other.....   |                |                |                |                |                |                |
| <b>Total expense.....</b>   | <b>38,825</b>  | <b>125,296</b> | <b>50,200</b>  | <b>197,898</b> | <b>51,265</b>  | <b>40,276</b>  |
| <b>Net income or net expense.....</b>                               | <b>8,324</b>   | <b>17,169</b>  | <b>4,336</b>   | <b>46,328</b>  | <b>6,479</b>   | <b>9,782</b>   |
| Number of customers.....  | 457            | 1,016          | 684            | 1,828          | 405            | 412            |

## Statements for the Year Ended December 31, 1966

| Chalk<br>River<br>1,060 | Chapleau<br>Twp.<br>3,867 | Chatham<br>31,479            | Chatsworth<br>386      | Chesley<br>1,700        | Chesterville<br>1,315   | Chippawa<br>3,845       | Clifford<br>522        | Clinton<br>3,196         |
|-------------------------|---------------------------|------------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|
| \$<br>86,854<br>27,071  | \$<br>226,709<br>4,265    | \$<br>4,083,765<br>1,126,230 | \$<br>31,647<br>11,476 | \$<br>136,679<br>55,358 | \$<br>123,120<br>32,231 | \$<br>303,760<br>70,427 | \$<br>59,516<br>17,942 | \$<br>439,842<br>124,475 |
| 59,783                  | 222,444                   | 2,957,535                    | 20,171                 | 81,321                  | 90,889                  | 233,333                 | 41,574                 | 315,367                  |
| 1,386                   | 22,937                    | 17,774                       | 12,912                 | 15                      | 23,865                  | 24,929                  | 9,886                  | 50,616                   |
| .....                   | .....                     | 200,000                      | .....                  | .....                   | .....                   | .....                   | 10,000                 | .....                    |
| .....                   | .....                     | 140,000                      | 13,838                 | 43,945                  | 6,000                   | .....                   | 3,000                  | .....                    |
| 312                     | 9,206                     | 264,615                      | 728                    | 4,500                   | 864                     | 5,160                   | 260                    | 9,269                    |
| 1,698                   | 32,143                    | 622,389                      | 27,478                 | 48,460                  | 30,729                  | 30,089                  | 23,146                 | 59,885                   |
| .....                   | 1,456                     | 145,460                      | .....                  | 688                     | .....                   | 1,445                   | .....                  | 6,708                    |
| 2,633                   | 18,519                    | 51,727                       | .....                  | 3,562                   | 400                     | 528                     | .....                  | 467                      |
| 2,633                   | 19,975                    | 197,187                      | .....                  | 4,250                   | 400                     | 1,973                   | .....                  | 7,175                    |
| 27,394                  | 1,827                     | 2,590,006                    | 36,069                 | 205,743                 | 162,981                 | 131,161                 | 54,828                 | 298,109                  |
| <b>91,508</b>           | <b>276,389</b>            | <b>6,367,117</b>             | <b>83,718</b>          | <b>339,774</b>          | <b>284,999</b>          | <b>396,556</b>          | <b>119,548</b>         | <b>680,536</b>           |
| 35,000                  | 66,000                    | 305,109                      | .....                  | .....                   | .....                   | 45,500                  | 3,812                  | 28,000                   |
| 319                     | 23,028                    | 108,507                      | .....                  | 1,300                   | 758                     | 298                     | 1,704                  | 15,238                   |
| 532                     | 8,331                     | 43,629                       | 268                    | 680                     | 391                     | 4,946                   | 331                    | 11,029                   |
| 35,851                  | 97,359                    | 457,245                      | 268                    | 1,980                   | 1,149                   | 50,744                  | 5,847                  | 54,267                   |
| 27,394                  | 1,827                     | 2,590,006                    | 36,069                 | 205,743                 | 162,981                 | 131,161                 | 54,828                 | 298,109                  |
| 27,394                  | 1,827                     | 2,590,006                    | 36,069                 | 205,743                 | 162,981                 | 131,161                 | 54,828                 | 298,109                  |
| 20,000                  | 49,000                    | 1,214,891                    | 5,014                  | 24,410                  | 5,889                   | 32,850                  | 11,117                 | 93,673                   |
| 8,263                   | 121,024                   | 2,104,975                    | 42,367                 | 107,641                 | 114,980                 | 169,187                 | 47,756                 | 223,018                  |
| .....                   | 7,179                     | .....                        | .....                  | .....                   | .....                   | 12,614                  | .....                  | 11,469                   |
| 28,263                  | 177,203                   | 3,319,866                    | 47,381                 | 132,051                 | 120,869                 | 214,651                 | 58,873                 | 328,160                  |
| <b>91 508</b>           | <b>276.389</b>            | <b>6,367.117</b>             | <b>83.718</b>          | <b>339.774</b>          | <b>284.999</b>          | <b>396.556</b>          | <b>119.548</b>         | <b>680.536</b>           |
| 34,749                  | 148,355                   | 2,248,230                    | 18,700                 | 69,360                  | 84,107                  | 119,763                 | 25,704                 | 173,626                  |
| 384                     | 2,677                     | 40,028                       | 603                    | 3,669                   | 831                     | 689                     | 1,433                  | 6,891                    |
| <b>35,133</b>           | <b>151,032</b>            | <b>2,288,258</b>             | <b>19,303</b>          | <b>73,029</b>           | <b>84,938</b>           | <b>120,452</b>          | <b>27,137</b>          | <b>180,517</b>           |
| 23,956                  | 60,154                    | 1,235,734                    | 11,747                 | 53,352                  | 63,003                  | 69,523                  | 16,875                 | 105,692                  |
| 1,943                   | 22,558                    | 416,372                      | 460                    | 9,050                   | 3,325                   | 11,544                  | 787                    | 16,070                   |
| 2,499                   | 22,035                    | 263,415                      | 1,872                  | 11,098                  | 7,037                   | 9,701                   | 1,707                  | 18,581                   |
| 4,563                   | 9,175                     | 79,347                       | .....                  | .....                   | .....                   | 6,836                   | 568                    | 7,472                    |
| 2,631                   | 5,365                     | 100,249                      | 1,123                  | 4,804                   | 3,699                   | 8,280                   | 2,183                  | 13,812                   |
| <b>35,592</b>           | <b>119,287</b>            | <b>2,095,117</b>             | <b>15,202</b>          | <b>78,304</b>           | <b>77,064</b>           | <b>105,884</b>          | <b>22,120</b>          | <b>161,627</b>           |
| <b>459</b>              | <b>31,745</b>             | <b>193,141</b>               | <b>4,101</b>           | <b>5,275</b>            | <b>7,874</b>            | <b>14,568</b>           | <b>5,017</b>           | <b>18,890</b>            |
| 273                     | 1,094                     | 10,463                       | 190                    | 768                     | 461                     | 1,190                   | 235                    | 1,272                    |

## Municipal Electrical Utilities Financial

| Municipality.....  | Cobden         | Cobourg          | Cochrane       | Colborne       | Coldwater      | Collingwood      |
|--|----------------|------------------|----------------|----------------|----------------|------------------|
| Population.....  | 891            | 10,386           | 4,711          | 1,501          | 684            | 8,229            |
| <b>A. BALANCE SHEETS</b>   |                |                  |                |                |                |                  |
| <b>FIXED ASSETS</b>  | \$             | \$               | \$             | \$             | \$             | \$               |
| Plant and facilities at cost.....                                      | 82,386         | 1,329,935        | 595,635        | 153,718        | 65,622         | 958,538          |
| Accumulated depreciation.....  | 22,210         | 426,725          | 131,318        | 24,224         | 16,137         | 200,234          |
| Net fixed assets.....  | 60,176         | 903,210          | 464,317        | 129,494        | 49,485         | 758,304          |
| <b>CURRENT ASSETS</b>  |                |                  |                |                |                |                  |
| Cash on hand and in bank.....  | 11,643         | 35,397           | 11,345         | 1,348          | 5,410          | 2,460            |
| Short-term investments.....  |                | 25,000           |                |                |                |                  |
| Investment in government securities                                    | 6,000          | 10,000           |                |                | 22,500         | 30,000           |
| Accounts receivable (net).....   | 481            | 19,990           | 9,251          | 12,004         | 2,230          | 9,785            |
| Total current assets.....  | 18,124         | 90,387           | 20,596         | 13,352         | 30,140         | 42,245           |
| <b>OTHER ASSETS</b>  |                |                  |                |                |                |                  |
| Inventory of stores.....   |                | 18,450           | 27,935         | 16,166         |                | 21,673           |
| Sinking fund on local debentures..                                     |                |                  |                |                |                |                  |
| Miscellaneous.....   | 579            | 3,129            | 12,639         | 215            | 1,200          | 2,664            |
| Total other assets.....  | 579            | 21,579           | 40,624         | 16,381         | 1,200          | 24,337           |
| Equity in Ontario Hydro Systems....                                    | 53,078         | 886,940          | 66,420         | 89,598         | 75,773         | 815,455          |
| <b>Total.....</b>  | <b>131,957</b> | <b>1,902,116</b> | <b>591,957</b> | <b>248,825</b> | <b>156,598</b> | <b>1,640,341</b> |
| <b>LIABILITIES</b>   |                |                  |                |                |                |                  |
| Debentures outstanding.....  |                |                  | 49,500         |                |                |                  |
| Accounts payable.....  | 348            | 3,092            | 5,847          | 1,661          | 1,627          | 17,406           |
| Other.....   | 539            | 15,532           | 22,452         | 2,106          | 380            | 77,350           |
| Total liabilities.....   | 887            | 18,624           | 77,799         | 3,767          | 2,007          | 94,756           |
| <b>RESERVES</b>  |                |                  |                |                |                |                  |
| Equity in Ontario Hydro Systems..                                      | 53,078         | 886,940          | 66,420         | 89,598         | 75,773         | 815,455          |
| Other.....   |                |                  |                |                |                |                  |
| Total reserves.....  | 53,078         | 886,940          | 66,420         | 89,598         | 75,773         | 815,455          |
| <b>CAPITAL</b>   |                |                  |                |                |                |                  |
| Debentures redeemed.....   | 4,949          | 105,993          | 95,500         | 12,195         | 6,867          | 38,183           |
| Local sinking fund.....  |                |                  |                |                |                |                  |
| Accumulated net income invested in<br>plant or held as working funds.. | 73,043         | 888,024          | 352,238        | 142,665        | 71,951         | 684,523          |
| Contributed capital.....   |                | 2,535            |                | 600            |                | 7,424            |
| Total capital.....   | 77,992         | 996,552          | 447,738        | 155,460        | 78,818         | 730,130          |
| <b>Total.....</b>  | <b>131,957</b> | <b>1,902,116</b> | <b>591,957</b> | <b>248,825</b> | <b>156,958</b> | <b>1,640,341</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                  |                |                |                |                  |
| <b>REVENUE</b>   |                |                  |                |                |                |                  |
| Sales of electric energy.....  | 38,606         | 659,560          | 227,190        | 82,054         | 34,977         | 430,718          |
| Other.....   | 235            | 21,817           | 7,220          | 1,552          | 1,063          | 8,452            |
| <b>Total revenue.....</b>  | <b>38,841</b>  | <b>681,377</b>   | <b>234,410</b> | <b>83,606</b>  | <b>36,040</b>  | <b>439,170</b>   |
| <b>EXPENSE</b>   |                |                  |                |                |                |                  |
| Power purchased.....   | 29,499         | 531,041          | 140,109        | 47,764         | 24,615         | 306,966          |
| Local generation.....  |                |                  |                |                |                |                  |
| Operation and maintenance.....   | 2,501          | 35,769           | 32,926         | 7,687          | 4,699          | 36,367           |
| Administration.....  | 3,415          | 55,924           | 32,417         | 11,208         | 3,228          | 36,587           |
| Fixed charges—interest and principal                                   |                |                  | 9,997          |                |                |                  |
| —depreciation.....   | 2,421          | 48,081           | 15,500         | 3,435          | 1,918          | 24,099           |
| —other.....  |                |                  |                |                |                |                  |
| <b>Total expense.....</b>  | <b>37,836</b>  | <b>670,815</b>   | <b>230,949</b> | <b>70,094</b>  | <b>34,460</b>  | <b>404,019</b>   |
| <b>Net income or net expense.....</b>                                  | <b>1,005</b>   | <b>10,562</b>    | <b>3,461</b>   | <b>13,512</b>  | <b>1,580</b>   | <b>35,151</b>    |
| Number of customers.....   | 401            | 3,884            | 1,424          | 617            | 299            | 3,437            |



Statements for the Year Ended December 31, 1966

| Comber                 | Coniston                | Cookstown              | Cottam                 | Courtright            | Creemore               | Dashwood              | Deep River               | Delaware               |
|------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|--------------------------|------------------------|
| 605                    | 2,608                   | 709                    | 680                    | 598                   | 807                    | 408                   | 5,728                    | 429                    |
| \$<br>84,114<br>24,168 | \$<br>155,143<br>26,153 | \$<br>60,080<br>18,352 | \$<br>64,317<br>24,639 | \$<br>44,452<br>9,652 | \$<br>88,607<br>15,211 | \$<br>42,637<br>7,628 | \$<br>749,592<br>210,303 | \$<br>37,605<br>13,985 |
| 59,946                 | 128,990                 | 41,728                 | 39,678                 | 34,800                | 73,396                 | 35,009                | 539,289                  | 23,620                 |
| 20,405                 | 8,577                   | 13,218                 | 5,522                  | 7,378                 | 8,365                  | 22,258                | 6,029                    | 15,643                 |
| .....                  | .....                   | 6,021                  | 11,000                 | .....                 | 5,000                  | .....                 | 9,812                    | .....                  |
| 8,834                  | 918                     | 1,598                  | 1,060                  | 302                   | 1,135                  | 243                   | 60,000                   | .....                  |
| .....                  | .....                   | .....                  | .....                  | .....                 | .....                  | .....                 | 6,790                    | 25                     |
| 29,239                 | 9,495                   | 20,837                 | 17,582                 | 7,680                 | 14,500                 | 22,501                | 82,631                   | 15,668                 |
| .....                  | 819                     | 42                     | .....                  | 25                    | 357                    | .....                 | 11,098                   | .....                  |
| .....                  | 17,435                  | 1,000                  | .....                  | 446                   | .....                  | .....                 | 9,896                    | .....                  |
| .....                  | 18,254                  | 1,042                  | .....                  | 471                   | 357                    | .....                 | 20,994                   | .....                  |
| 69,208                 | 24,868                  | 43,525                 | 36,966                 | 31,364                | 68,555                 | 48,334                | 134,134                  | 29,110                 |
| 158,393                | 181,607                 | 107,132                | 94,226                 | 74,315                | 156,808                | 105,844               | 777,048                  | 68,398                 |
| .....                  | 30,500                  | .....                  | .....                  | .....                 | .....                  | .....                 | 167,450                  | .....                  |
| 18,571                 | 2,031                   | 1,298                  | 255                    | 202                   | 435                    | .....                 | 2,260                    | 14                     |
| 180                    | 10,092                  | 881                    | 436                    | 540                   | 680                    | .....                 | 12,106                   | 160                    |
| 18,751                 | 42,623                  | 2,179                  | 691                    | 742                   | 1,115                  | .....                 | 181,816                  | 174                    |
| 69,208                 | 24,868                  | 43,525                 | 36,966                 | 31,364                | 68,555                 | 48,334                | 134,134                  | 29,110                 |
| .....                  | .....                   | .....                  | .....                  | .....                 | .....                  | .....                 | .....                    | .....                  |
| 69,208                 | 24,868                  | 43,525                 | 36,966                 | 31,364                | 68,555                 | 48,334                | 134,134                  | 29,110                 |
| 12,489                 | 19,500                  | 12,001                 | 13,892                 | 8,138                 | 2,824                  | 3,400                 | 63,550                   | 4,000                  |
| .....                  | .....                   | .....                  | .....                  | .....                 | .....                  | .....                 | .....                    | .....                  |
| 57,945                 | 94,616                  | 49,427                 | 42,677                 | 30,787                | 84,314                 | 54,110                | 131,725                  | 34,756                 |
| .....                  | .....                   | .....                  | .....                  | 3,284                 | .....                  | .....                 | 265,823                  | 358                    |
| 70,434                 | 114,116                 | 61,428                 | 56,569                 | 42,209                | 87,138                 | 57,510                | 461,098                  | 39,114                 |
| 158,393                | 181,607                 | 107,132                | 94,226                 | 74,315                | 156,808                | 105,844               | 777,048                  | 68,398                 |
| 26,703                 | 76,622                  | 24,523                 | 23,459                 | 21,180                | 34,113                 | 27,642                | 271,032                  | 18,277                 |
| 769                    | 786                     | 595                    | 908                    | 87                    | 670                    | 3                     | 10,062                   | 1,057                  |
| 27,472                 | 77,408                  | 25,118                 | 24,367                 | 21,267                | 34,783                 | 27,645                | 281,094                  | 19,334                 |
| 12,815                 | 50,821                  | 18,230                 | 12,876                 | 9,839                 | 24,691                 | 14,760                | 188,393                  | 10,957                 |
| 3,899                  | 5,252                   | 2,087                  | 3,697                  | 2,451                 | 2,834                  | 732                   | 21,826                   | 1,026                  |
| 3,893                  | 9,458                   | 1,313                  | 3,054                  | 2,130                 | 2,767                  | 1,955                 | 27,113                   | 1,438                  |
| 45                     | 4,028                   | .....                  | .....                  | .....                 | .....                  | .....                 | 18,530                   | .....                  |
| 2,615                  | 3,746                   | 1,884                  | 2,293                  | 1,288                 | 2,365                  | 1,148                 | 20,841                   | 1,704                  |
| 23,267                 | 73,305                  | 23,514                 | 21,920                 | 15,708                | 32,657                 | 18,595                | 276,703                  | 15,125                 |
| 4,205                  | 4,103                   | 1,604                  | 2,447                  | 5,559                 | 2,126                  | 9,050                 | 4,391                    | 4,209                  |
| 242                    | 701                     | 264                    | 257                    | 236                   | 367                    | 193                   | 1,511                    | 148                    |

## Municipal Electrical Utilities Financial

| Municipality.....   | Delhi          | Deseronto      | Dorchester     | Drayton        | Dresden        | Drumbo        |
|---|----------------|----------------|----------------|----------------|----------------|---------------|
| Population.....   | 3,617          | 1,772          | 1,073          | 682            | 2,378          | 421           |
| <b>A. BALANCE SHEETS</b>  |                |                |                |                |                |               |
| <b>FIXED ASSETS</b>   |                |                |                |                |                |               |
| Plant and facilities at cost.....                                   | \$ 496,021     | \$ 163,822     | \$ 85,533      | \$ 82,668      | \$ 305,505     | \$ 37,142     |
| Accumulated depreciation.....                                       | 126,971        | 62,158         | 25,535         | 15,211         | 67,823         | 16,845        |
| Net fixed assets.....   | 369,050        | 101,664        | 59,998         | 67,457         | 237,682        | 20,297        |
| <b>CURRENT ASSETS</b>   |                |                |                |                |                |               |
| Cash on hand and in bank.....                                       | 24,671         | 9,567          | 11,174         | 14,026         | 7,025          | 3,097         |
| Short-term investments.....   | 45,000         |                |                |                |                |               |
| Investment in government securities.....                            |                | 4,000          | 1,500          | 6,000          | 1,000          | 5,500         |
| Accounts receivable (net).....                                      | 2,184          | 5,599          | 2,316          | 294            | 5,938          | 777           |
| Total current assets.....   | 71,855         | 19,166         | 14,990         | 20,320         | 13,963         | 9,374         |
| <b>OTHER ASSETS</b>   |                |                |                |                |                |               |
| Inventory of stores.....  | 14,062         | 10,547         |                | 236            | 5,842          |               |
| Sinking fund on local debentures.....                               |                |                |                |                |                |               |
| Miscellaneous.....  | 666            |                | 127            | 367            |                |               |
| Total other assets.....   | 14,728         | 10,547         | 127            | 603            | 5,842          |               |
| Equity in Ontario Hydro Systems.....                                | 209,930        | 108,985        | 51,437         | 67,249         | 202,757        | 39,462        |
| <b>Total.....</b>   | <b>665,563</b> | <b>240,362</b> | <b>126,552</b> | <b>155,629</b> | <b>460,244</b> | <b>69,133</b> |
| <b>LIABILITIES</b>  |                |                |                |                |                |               |
| Debentures outstanding.....   |                |                | 1,393          |                | 4,997          |               |
| Accounts payable.....   | 1,703          | 1,691          | 4,324          | 326            | 402            | 228           |
| Other.....  | 4,948          | 1,199          | 818            | 682            | 2,489          | 128           |
| Total liabilities.....  | 6,651          | 2,890          | 6,535          | 1,008          | 7,888          | 356           |
| <b>RESERVES</b>   |                |                |                |                |                |               |
| Equity in Ontario Hydro Systems..                                   | 209,930        | 108,985        | 51,437         | 67,249         | 202,757        | 39,462        |
| Other.....  |                |                |                |                |                |               |
| Total reserves.....   | 209,930        | 108,985        | 51,437         | 67,249         | 202,757        | 39,462        |
| <b>CAPITAL</b>  |                |                |                |                |                |               |
| Debentures redeemed.....  | 85,000         | 15,000         | 5,907          | 9,500          | 46,226         | 4,500         |
| Local sinking fund.....   |                |                |                |                |                |               |
| Accumulated net income invested in plant or held as working funds.. | 325,753        | 113,487        | 62,673         | 77,722         | 203,373        | 24,815        |
| Contributed capital.....  | 38,229         |                |                | 150            |                |               |
| Total capital.....  | 448,982        | 128,487        | 68,580         | 87,372         | 249,599        | 29,315        |
| <b>Total.....</b>   | <b>665,563</b> | <b>240,362</b> | <b>126,552</b> | <b>155,629</b> | <b>460,244</b> | <b>69,133</b> |
| <b>B. OPERATING STATEMENTS</b>                                      |                |                |                |                |                |               |
| <b>REVENUE</b>  |                |                |                |                |                |               |
| Sales of electric energy.....                                       | 191,672        | 75,409         | 35,165         | 34,800         | 143,534        | 15,009        |
| Other.....  | 5,654          | 3,740          | 1,254          | 665            | 3,199          | 690           |
| <b>Total revenue.....</b>   | <b>197,326</b> | <b>79,149</b>  | <b>36,419</b>  | <b>35,465</b>  | <b>146,733</b> | <b>15,699</b> |
| <b>EXPENSE</b>  |                |                |                |                |                |               |
| Power purchased.....  | 117,702        | 48,688         | 22,166         | 18,649         | 84,605         | 10,193        |
| Local generation.....   |                |                |                |                |                |               |
| Operation and maintenance.....                                      | 18,580         | 8,074          | 1,859          | 4,095          | 17,084         | 693           |
| Administration.....   | 18,402         | 8,358          | 2,128          | 2,011          | 21,506         | 1,217         |
| Fixed charges—interest and principal.....                           |                |                | 241            |                | 1,349          |               |
| —depreciation.....  | 13,671         | 5,921          | 3,621          | 2,485          | 6,359          | 1,655         |
| —other.....   |                |                |                |                |                |               |
| <b>Total expense.....</b>   | <b>168,355</b> | <b>71,041</b>  | <b>30,015</b>  | <b>27,240</b>  | <b>130,903</b> | <b>13,758</b> |
| <b>Net income or net expense.....</b>                               | <b>28,971</b>  | <b>8,108</b>   | <b>6,404</b>   | <b>8,225</b>   | <b>15,830</b>  | <b>1,941</b>  |
| Number of customers.....  | 1,509          | 618            | 379            | 288            | 960            | 175           |

| Dryden                    | Dublin                 | Dundalk                | Dundas                      | Dunnville                 | Durham                  | Dutton                 | East York<br>Twp.            | Eganville               |
|---------------------------|------------------------|------------------------|-----------------------------|---------------------------|-------------------------|------------------------|------------------------------|-------------------------|
| 6,657                     | 293                    | 898                    | 15,178                      | 5,293                     | 2,425                   | 835                    | 72,842                       | 1,369                   |
| \$<br>854,569<br>265,169  | \$<br>49,862<br>15,323 | \$<br>78,083<br>16,621 | \$<br>2,273,508<br>413,387  | \$<br>628,331<br>147,511  | \$<br>260,510<br>51,310 | \$<br>75,884<br>19,156 | \$<br>5,702,779<br>1,118,785 | \$<br>202,967<br>69,724 |
| 589,400                   | 34,539                 | 61,462                 | 1,860,121                   | 480,820                   | 209,200                 | 56,728                 | 4,283,994                    | 133,243                 |
| 27,005<br>25,000          | 8,392                  | 8,668                  | 31,581                      | 27,304                    | 18,921                  | 515                    | 432,612                      | 10,821                  |
|                           | 1,000                  | 16,500                 | 9,000                       |                           | 19,000                  | 4,500                  | 400,000                      | 15,000                  |
| 3,950                     | 130                    | 5,923                  | 20,335                      | 5,628                     | 11,108                  | 508                    | 200,000                      | 461                     |
| 55,955                    | 9,522                  | 31,091                 | 60,916                      | 32,932                    | 49,029                  | 5,523                  | 1,208,338                    | 26,288                  |
| 9,067                     |                        | 20                     | 17,872                      | 41,852                    | 1,470                   | 72                     | 56,386                       | 1,456                   |
| 5,662                     | 326                    |                        | 30,832                      | 395                       | 6,395                   |                        | 10,900                       | 2,181                   |
| 14,729<br>176,933         | 326<br>32,916          | 20<br>85,443           | 48,704<br>909,471           | 42,247<br>488,297         | 7,865<br>195,575        | 72<br>89,083           | 67,286<br>3,725,984          | 3,637<br>30,223         |
| 837,017                   | 77,303                 | 178,016                | 2,879,212                   | 1,044,296                 | 461,669                 | 151,406                | 9,285,602                    | 193,391                 |
| 93,300<br>6,382<br>22,530 | <br>1,476<br>120       | <br>86<br>425          | 773,600<br>59,135<br>45,842 | 31,910<br>1,344<br>10,098 | 26,000<br>584<br>2,498  | <br>6,650<br>495       | 154,000<br>216,942<br>9,040  | 5,482<br>106<br>240     |
| 122,212                   | 1,596                  | 511                    | 878,577                     | 43,352                    | 29,082                  | 7,145                  | 379,982                      | 5,828                   |
| 176,933                   | 32,916                 | 85,443                 | 909,471                     | 488,297                   | 195,575                 | 89,083                 | 3,725,984                    | 30,223                  |
| 176,933                   | 32,916                 | 85,443                 | 909,471                     | 488,297                   | 195,575                 | 89,083                 | 3,725,984                    | 30,223                  |
| 108,130                   | 6,200                  | 5,727                  | 253,983                     | 108,029                   | 29,324                  | 8,407                  | 1,118,304                    | 94,518                  |
| 429,742                   | 36,381<br>210          | 86,335                 | 740,655<br>96,526           | 379,111<br>25,507         | 207,688                 | 46,771                 | 3,947,963<br>113,369         | 62,822                  |
| 537,872                   | 42,791                 | 92,062                 | 1,091,164                   | 512,647                   | 237,012                 | 55,178                 | 5,179,636                    | 157,340                 |
| 837,017                   | 77,303                 | 178,016                | 2,879,212                   | 1,044,296                 | 461,669                 | 151,406                | 9,285,602                    | 193,391                 |
| 337,883<br>14,984         | 20,297<br>184          | 52,595<br>748          | 780,057<br>24,303           | 280,108<br>3,024          | 129,734<br>4,525        | 31,504<br>216          | 2,590,800<br>144,987         | 64,986<br>1,131         |
| 352,867                   | 20,481                 | 53,343                 | 804,360                     | 283,132                   | 131,259                 | 31,720                 | 2,735,787                    | 66,117                  |
| 184,052                   | 12,787                 | 32,539                 | 481,962                     | 170,208                   | 85,261                  | 17,766                 | 1,765,022                    | 29,809                  |
| 49,021                    | 1,164                  | 5,807                  | 59,056                      | 32,865                    | 9,384                   | 4,685                  | 240,529                      | 3,511                   |
| 35,318                    | 2,323                  | 3,511                  | 70,989                      | 22,346                    | 14,200                  | 2,923                  | 241,008                      | 7,874                   |
| 11,970                    |                        |                        | 82,983                      | 5,482                     | 2,600                   |                        | 42,899                       | 5,646                   |
| 30,060                    | 1,605                  | 2,170                  | 61,255                      | 15,081                    | 7,687                   | 2,200                  | 217,711                      | 5,188                   |
| 310,421                   | 17,879                 | 44,027                 | 756,245                     | 245,982                   | 119,132                 | 27,574                 | 2,507,169                    | 64,925                  |
| 42,446                    | 2,602                  | 9,316                  | 48,115                      | 37,150                    | 15,127                  | 4,146                  | 228,618                      | 1,192                   |
| 2,115                     | 122                    | 491                    | 4,700                       | 2,029                     | 932                     | 360                    | 24,900                       | 517                     |



## Municipal Electrical Utilities Financial

| Municipality.....  | Elmira         | Elmvale        | Elmwood       | Elora          | Embro          | Embrun         |
|--|----------------|----------------|---------------|----------------|----------------|----------------|
| Population.....  | 4,052          | 1,056          | 450           | 1,586          | 608            | 1,136          |
| <b>A. BALANCE SHEETS</b>   |                |                |               |                |                |                |
| <b>FIXED ASSETS</b>  | \$             | \$             | \$            | \$             | \$             | \$             |
| Plant and facilities at cost.....                                      | 543,729        | 97,180         | 26,422        | 172,992        | 77,599         | 124,425        |
| Accumulated depreciation.....  | 149,530        | 28,750         | 10,269        | 60,067         | 27,581         | 28,431         |
| Net fixed assets.....  | 394,199        | 68,430         | 16,153        | 112,925        | 50,018         | 95,994         |
| <b>CURRENT ASSETS</b>  |                |                |               |                |                |                |
| Cash on hand and in bank.....  | 11,258         | 6,876          | 3,396         | 11,409         | 5,236          | 2,826          |
| Short-term investments.....  | 55,000         |                |               | 16,088         | 3,000          |                |
| Investment in government securities.....                               |                | 11,729         | 7,000         | 8,000          | 3,000          |                |
| Accounts receivable (net).....   | 5,141          | 1,958          | 99            | 1,961          | 421            | 7,357          |
| Total current assets.....  | 71,399         | 20,563         | 10,495        | 37,458         | 11,657         | 10,183         |
| <b>OTHER ASSETS</b>  |                |                |               |                |                |                |
| Inventory of stores.....   | 1,298          | 247            |               | 1,314          |                |                |
| Sinking fund on local debentures.....                                  |                |                |               |                |                |                |
| Miscellaneous.....   | 785            | 3,534          |               | 432            | 1,952          | 4,458          |
| Total other assets.....  | 2,083          | 3,781          |               | 1,746          | 1,952          | 4,458          |
| Equity in Ontario Hydro Systems.....                                   | 496,319        | 82,256         | 30,196        | 168,255        | 59,020         | 781            |
| <b>Total.....</b>  | <b>964,000</b> | <b>175,030</b> | <b>56,844</b> | <b>320,384</b> | <b>122,647</b> | <b>111,416</b> |
| <b>LIABILITIES</b>   |                |                |               |                |                |                |
| Debentures outstanding.....  |                |                |               | 2,300          |                | 99,500         |
| Accounts payable.....  | 768            | 469            |               | 1,522          | 1,110          | 4,777          |
| Other.....   | 5,173          | 780            | 40            | 1,987          | 120            | 1,495          |
| Total liabilities.....   | 5,941          | 1,249          | 40            | 5,809          | 1,230          | 105,772        |
| <b>RESERVES</b>  |                |                |               |                |                |                |
| Equity in Ontario Hydro Systems..                                      | 496,319        | 82,256         | 30,196        | 168,255        | 59,020         | 781            |
| Other.....   |                |                |               |                |                |                |
| Total reserves.....  | 496,319        | 82,256         | 30,196        | 168,255        | 59,020         | 781            |
| <b>CAPITAL</b>   |                |                |               |                |                |                |
| Debentures redeemed.....   | 37,168         | 6,544          | 6,106         | 17,562         | 7,500          | 2,500          |
| Local sinking fund.....  |                |                |               |                |                |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 424,185        | 84,981         | 20,502        | 127,416        | 54,897         | 2,363          |
| Contributed capital.....   | 387            |                |               | 1,342          |                |                |
| Total capital.....   | 461,740        | 91,525         | 26,608        | 146,320        | 62,397         | 4,863          |
| <b>Total.....</b>  | <b>964,000</b> | <b>175,030</b> | <b>56,844</b> | <b>320,384</b> | <b>122,647</b> | <b>111,416</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                |               |                |                |                |
| <b>REVENUE</b>   |                |                |               |                |                |                |
| Sales of electric energy.....  | 322,154        | 53,441         | 11,675        | 75,489         | 31,797         | 59,189         |
| Other.....   | 5,992          | 892            | 397           | 2,178          | 1,697          | 1,520          |
| <b>Total revenue.....</b>  | <b>328,146</b> | <b>54,333</b>  | <b>12,072</b> | <b>77,667</b>  | <b>33,494</b>  | <b>60,709</b>  |
| <b>EXPENSE</b>   |                |                |               |                |                |                |
| Power purchased.....   | 249,866        | 34,361         | 7,808         | 38,709         | 19,565         | 37,396         |
| Local generation.....  |                |                |               |                |                |                |
| Operation and maintenance.....   | 16,591         | 2,655          | 1,129         | 9,949          | 3,820          | 1,349          |
| Administration.....  | 19,568         | 6,287          | 1,351         | 9,263          | 2,766          | 3,049          |
| Fixed charges—interest and principal                                   |                |                |               | 617            |                | 8,678          |
| —depreciation.....   | 15,006         | 3,280          | 867           | 5,399          | 3,130          | 3,791          |
| —other.....  |                |                |               |                |                |                |
| <b>Total expense.....</b>  | <b>301,031</b> | <b>46,583</b>  | <b>11,155</b> | <b>63,937</b>  | <b>29,281</b>  | <b>54,263</b>  |
| <b>Net income or net expense.....</b>                                  | <b>27,115</b>  | <b>7,750</b>   | <b>917</b>    | <b>13,730</b>  | <b>4,213</b>   | <b>6,446</b>   |
| Number of customers.....   | 1,408          | 433            | 141           | 575            | 253            | 345            |

## Statements for the Year Ended December 31, 1966

| Erieau         | Erie Beach    | Erin           | Espanola       | Essex          | Etobicoke<br>Twp. | Exeter         | Fergus         | Finch         |
|----------------|---------------|----------------|----------------|----------------|-------------------|----------------|----------------|---------------|
| 471            | 202           | 1,206          | 5,528          | 3,555          | 214,963           | 3,093          | 4,456          | 382           |
| \$             | \$            | \$             | \$             | \$             | \$                | \$             | \$             | \$            |
| 99,154         | 25,779        | 93,750         | 413,400        | 392,578        | 27,967,986        | 461,387        | 498,364        | 47,769        |
| 28,659         | 5,553         | 16,385         | 93,566         | 127,784        | 5,296,827         | 116,119        | 131,718        | 17,213        |
| 70,495         | 20,226        | 77,365         | 319,834        | 264,794        | 22,671,159        | 345,268        | 366,646        | 30,556        |
| 4,776          | 4,338         | 6,680          | 15,934         | 27,996         | .....             | 19,909         | 52,546         | 6,665         |
| .....          | .....         | .....          | 5,000          | .....          | 1,089,000         | 25,000         | .....          | .....         |
| 3,923          | .....         | 5,025          | 34,000         | .....          | 136,719           | 6,000          | .....          | 6,000         |
| 1,302          | 106           | 558            | 7,265          | 3,287          | 480,777           | 3,220          | 5,968          | 3,129         |
| 10,001         | 4,444         | 12,263         | 62,199         | 31,283         | 1,706,496         | 54,129         | 58,514         | 15,794        |
| 30             | .....         | .....          | 192            | 18,587         | 573,300           | 1,053          | 447            | .....         |
| .....          | .....         | .....          | .....          | .....          | 2,071,738         | .....          | .....          | .....         |
| 2,195          | 269           | 1,240          | 14,018         | 1,485          | 218,113           | 1,410          | 699            | .....         |
| 2,225          | 269           | 1,240          | 14,210         | 20,072         | 2,863,151         | 2,463          | 1,146          | .....         |
| 61,002         | 10,740        | 38,642         | 57,373         | 231,673        | 7,862,786         | 301,548        | 480,328        | 37,894        |
| <b>143,723</b> | <b>35,679</b> | <b>129,510</b> | <b>453,616</b> | <b>547,822</b> | <b>35,103,592</b> | <b>703,408</b> | <b>906,634</b> | <b>84,244</b> |
| 1,814          | .....         | .....          | 119,500        | 8,400          | 9,635,675         | 43,558         | 13,500         | .....         |
| .....          | 7             | 1,762          | 5,326          | 7,816          | 452,576           | 1,062          | 608            | 223           |
| 1,001          | 267           | 1,008          | 14,680         | 2,167          | 726,109           | 4,193          | 5,388          | 381           |
| 2,815          | 274           | 2,770          | 139,506        | 18,383         | 10,814,360        | 48,813         | 19,496         | 604           |
| 61,002         | 10,740        | 38,642         | 57,373         | 231,673        | 7,862,786         | 301,548        | 480,328        | 37,894        |
| .....          | .....         | .....          | .....          | .....          | .....             | .....          | .....          | .....         |
| 61,002         | 10,740        | 38,642         | 57,373         | 231,673        | 7,862,786         | 301,548        | 480,328        | 37,894        |
| 18,850         | 7,783         | 14,242         | 25,500         | 42,788         | 2,585,627         | 21,442         | 61,461         | 7,000         |
| .....          | .....         | .....          | .....          | .....          | 2,071,738         | .....          | .....          | .....         |
| 61,056         | 16,882        | 73,856         | 147,531        | 253,480        | 10,373,575        | 310,081        | 345,349        | 37,874        |
| .....          | .....         | .....          | 83,706         | 1,498          | 1,395,506         | 21,524         | .....          | 872           |
| 79,906         | 24,665        | 88,098         | 256,737        | 297,766        | 16,426,446        | 353,047        | 406,810        | 45,746        |
| <b>143,723</b> | <b>35,679</b> | <b>129,510</b> | <b>453,616</b> | <b>547,822</b> | <b>35,103,592</b> | <b>703,408</b> | <b>906,634</b> | <b>84,244</b> |
| 36,083         | 8,838         | 51,993         | 195,892        | 164,177        | 12,126,539        | 208,900        | 294,190        | 19,012        |
| 757            | 56            | 1,903          | 8,522          | 3,354          | 261,118           | 3,454          | 4,323          | 362           |
| <b>36,840</b>  | <b>8,894</b>  | <b>53,896</b>  | <b>204,414</b> | <b>167,531</b> | <b>12,387,657</b> | <b>212,354</b> | <b>298,513</b> | <b>19,374</b> |
| 20,990         | 3,325         | 35,037         | 126,865        | 92,885         | 8,460,980         | 113,227        | 187,212        | 11,930        |
| 3,992          | 558           | 3,642          | 19,024         | 16,643         | 715,216           | 17,536         | 19,594         | 1,803         |
| 3,969          | 1,585         | 4,304          | 23,194         | 20,372         | 536,859           | 22,480         | 25,089         | 1,892         |
| 1,901          | 632           | 749            | 13,180         | 1,580          | 955,811           | 3,942          | 2,090          | .....         |
| 3,093          | 780           | 3,125          | 11,127         | 11,111         | 706,741           | 13,057         | 14,851         | 1,561         |
| <b>33,945</b>  | <b>6,880</b>  | <b>46,857</b>  | <b>193,390</b> | <b>142,591</b> | <b>11,375,607</b> | <b>170,242</b> | <b>248,836</b> | <b>17,186</b> |
| <b>2,895</b>   | <b>2,014</b>  | <b>7,039</b>   | <b>11,024</b>  | <b>24,940</b>  | <b>1,012,050</b>  | <b>42,112</b>  | <b>49,677</b>  | <b>2,188</b>  |
| 380            | 146           | 457            | 1,443          | 1,247          | 66,589            | 1,338          | 1,589          | 171           |

## Municipal Electrical Utilities Financial

| Municipality.....  | Flesherton    | Fonthill       | Forest         | Forest Hill      | Fort William      | Frankford      |
|--|---------------|----------------|----------------|------------------|-------------------|----------------|
| Population .....   | 480           | 2,828          | 2,105          | 22,970           | 47,963            | 1,783          |
| <b>A. BALANCE SHEETS</b>   |               |                |                |                  |                   |                |
| <b>FIXED ASSETS</b>  | \$            | \$             | \$             | \$               | \$                | \$             |
| Plant and facilities at cost.....                                      | 37,686        | 227,199        | 206,407        | 2,404,837        | 5,608,176         | 144,466        |
| Accumulated depreciation.....  | 15,144        | 62,386         | 106,862        | 858,024          | 1,850,264         | 34,564         |
| Net fixed assets.....  | 22,542        | 164,813        | 99,545         | 1,546,813        | 3,757,912         | 109,902        |
| <b>CURRENT ASSETS</b>  |               |                |                |                  |                   |                |
| Cash on hand and in bank.....  | 2,059         | 17,889         | 24,102         | 161,981          | 15,215            | 16,636         |
| Short-term investments.....  |               |                |                |                  | 400,000           |                |
| Investment in government securities                                    | 19,000        |                | 38,417         | 54,000           | 50,000            |                |
| Accounts receivable (net).....   | 446           | 1,155          | 1,934          | 168,595          | 197,025           | 2,574          |
| Total current assets.....  | 21,505        | 19,044         | 64,453         | 384,576          | 662,240           | 19,210         |
| <b>OTHER ASSETS</b>  |               |                |                |                  |                   |                |
| Inventory of stores.....   | 76            | 24             | 2,814          | 47,049           | 144,821           |                |
| Sinking fund on local debentures.....                                  |               |                |                |                  |                   |                |
| Miscellaneous.....   |               |                | 697            | 2,203            | 16,918            | 866            |
| Total other assets.....  | 76            | 24             | 3,511          | 49,252           | 161,739           | 866            |
| Equity in Ontario Hydro Systems.....                                   | 43,037        | 108,418        | 231,088        | 1,742,211        | 6,821,075         | 48,514         |
| <b>Total.....</b>  | <b>87,160</b> | <b>292,299</b> | <b>398,597</b> | <b>3,722,852</b> | <b>11,402,966</b> | <b>178,492</b> |
| <b>LIABILITIES</b>   |               |                |                |                  |                   |                |
| Debentures outstanding.....  |               | 3,500          |                |                  | 320,000           | 12,500         |
| Accounts payable.....  | 361           | 473            | 718            | 151,080          | 13,589            | 1,210          |
| Other.....   | 298           | 3,377          | 1,774          | 6,660            | 104,446           | 1,690          |
| Total liabilities.....   | 659           | 7,350          | 2,492          | 157,740          | 438,035           | 15,400         |
| <b>RESERVES</b>  |               |                |                |                  |                   |                |
| Equity in Ontario Hydro Systems..                                      | 43,037        | 108,418        | 231,088        | 1,742,211        | 6,821,075         | 48,514         |
| Other.....   |               |                |                |                  |                   |                |
| Total reserves.....  | 43,037        | 108,418        | 231,088        | 1,742,211        | 6,821,075         | 48,514         |
| <b>CAPITAL</b>   |               |                |                |                  |                   |                |
| Debentures redeemed.....   | 5,831         | 56,673         | 23,357         | 358,126          | 742,139           | 20,500         |
| Local sinking fund.....  |               |                |                |                  |                   |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 37,633        | 117,808        | 141,660        | 1,464,775        | 3,389,244         | 94,078         |
| Contributed capital.....   |               | 2,050          |                |                  | 12,473            |                |
| Total capital.....   | 43,464        | 176,531        | 165,017        | 1,822,901        | 4,143,856         | 114,578        |
| <b>Total.....</b>  | <b>87,160</b> | <b>292,299</b> | <b>398,597</b> | <b>3,722,852</b> | <b>11,402,966</b> | <b>178,492</b> |
| <b>B. OPERATING STATEMENTS</b>   |               |                |                |                  |                   |                |
| <b>REVENUE</b>   |               |                |                |                  |                   |                |
| Sales of electric energy.....  | 22,035        | 93,648         | 103,442        | 1,183,992        | 2,079,846         | 61,773         |
| Other.....   | 1,003         | 3,675          | 7,630          | 33,814           | 145,107           | 3,773          |
| <b>Total revenue.....</b>  | <b>23,038</b> | <b>97,323</b>  | <b>111,072</b> | <b>1,217,806</b> | <b>2,224,953</b>  | <b>65,546</b>  |
| <b>EXPENSE</b>   |               |                |                |                  |                   |                |
| Power purchased.....   | 18,083        | 63,660         | 68,274         | 888,387          | 1,499,417         | 45,143         |
| Local generation.....  |               |                |                |                  |                   |                |
| Operation and maintenance.....   | 1,417         | 7,366          | 11,435         | 88,240           | 166,871           | 3,321          |
| Administration.....  | 2,113         | 8,786          | 12,995         | 111,883          | 180,944           | 6,774          |
| Fixed charges—interest and principal                                   |               | 679            |                |                  | 53,552            | 1,345          |
| —depreciation.....   | 1,397         | 8,633          | 8,958          | 82,901           | 205,913           | 6,129          |
| —other.....  |               |                |                |                  |                   |                |
| <b>Total expense.....</b>  | <b>23,010</b> | <b>89,124</b>  | <b>101,662</b> | <b>1,171,411</b> | <b>2,106,697</b>  | <b>62,712</b>  |
| <b>Net income or net expense.....</b>                                  | <b>28</b>     | <b>8,199</b>   | <b>9,410</b>   | <b>46,395</b>    | <b>118,256</b>    | <b>2,834</b>   |
| Number of customers.....   | 244           | 915            | 882            | 9,072            | 15,271            | 662            |



## Statements for the Year Ended December 31, 1966

| Galt             | Georgetown       | Glencoe        | Gloucester<br>Twp. | Goderich         | Grand<br>Bend  | Grand<br>Valley | Granton       | Gravenhurst    |
|------------------|------------------|----------------|--------------------|------------------|----------------|-----------------|---------------|----------------|
| 32,708           | 11,658           | 1,167          | 21,050             | 6,611            | 662            | 762             | 306           | 3,307          |
| \$               | \$               | \$             | \$                 | \$               | \$             | \$              | \$            | \$             |
| 4,206,934        | 1,277,942        | 158,305        | 2,539,253          | 1,031,455        | 211,260        | 70,142          | 24,144        | 308,757        |
| 1,488,242        | 312,113          | 55,229         | 584,779            | 325,674          | 62,079         | 21,385          | 4,689         | 93,828         |
| 2,718,692        | 965,829          | 103,076        | 1,954,474          | 705,781          | 149,181        | 48,757          | 19,455        | 214,929        |
| 450              | 5,805            | 786            | 59,208             | 80,043           | 9,923          | 12,011          | 10,125        | 7,575          |
|                  | 35,000           |                |                    | 50,000           |                |                 |               |                |
| 75,000           | 14,000           | 5,000          |                    | 90,804           |                | 14,000          |               | 12,000         |
| 162,938          | 3,892            | 4,636          | 204,187            | 7,065            | 988            | 1,329           | 415           | 8,576          |
| 238,388          | 58,697           | 10,422         | 263,395            | 227,912          | 10,911         | 27,349          | 10,540        | 28,151         |
| 140,712          | 38,198           | 936            | 58,821             | 9,052            | 614            |                 |               | 3,256          |
| 7,384            | 3,416            | 651            | 60,621             | 856              | 7,694          | 2,729           |               |                |
| 148,096          | 41,614           | 1,587          | 119,442            | 9,908            | 8,308          | 2,729           |               | 3,256          |
| 3,285,747        | 803,076          | 108,705        | 30,855             | 770,914          | 77,944         | 75,692          | 29,615        | 314,574        |
| <b>6,390,923</b> | <b>1,869,216</b> | <b>223,790</b> | <b>2,368,166</b>   | <b>1,714,515</b> | <b>246,344</b> | <b>154,518</b>  | <b>59,610</b> | <b>560,910</b> |
|                  | 217,201          |                | 1,944,728          | 41,000           | 44,083         |                 |               |                |
| 40,766           | 21,365           | 589            | 178,307            | 1,065            | 280            | 30              | 198           | 3,317          |
| 46,702           | 44,824           | 599            | 13,381             | 18,707           | 4,622          |                 | 45            | 3,366          |
| 87,468           | 283,390          | 1,188          | 2,136,416          | 60,772           | 48,985         | 30              | 243           | 6,683          |
| 3,285,747        | 803,076          | 108,705        | 30,855             | 770,914          | 77,944         | 75,692          | 29,615        | 314,574        |
|                  |                  |                | 37,884             |                  |                |                 |               |                |
| 3,285,747        | 803,076          | 108,705        | 68,739             | 770,914          | 77,944         | 75,692          | 29,615        | 314,574        |
| 817,298          | 176,066          | 20,113         | 53,734             | 171,959          | 46,917         | 10,795          | 6,602         | 44,279         |
| 2,101,217        | 606,684          | 87,250         | 78,633             | 682,795          | 68,720         | 68,001          | 23,150        | 195,374        |
| 99,193           |                  | 6,534          | 30,644             | 28,075           | 3,778          |                 |               |                |
| 3,017,708        | 782,750          | 113,897        | 163,011            | 882,829          | 119,415        | 78,796          | 29,752        | 239,653        |
| <b>6,390,923</b> | <b>1,869,216</b> | <b>223,790</b> | <b>2,368,166</b>   | <b>1,714,515</b> | <b>246,344</b> | <b>154,518</b>  | <b>59,610</b> | <b>560,910</b> |
| 1,843,093        | 587,195          | 58,780         | 1,154,612          | 460,711          | 86,531         | 34,426          | 11,528        | 154,607        |
| 14,217           | 21,090           | 876            | 45,072             | 14,822           | 721            | 796             | 4             | 3,504          |
| <b>1,857,310</b> | <b>608,285</b>   | <b>59,656</b>  | <b>1,199,684</b>   | <b>475,533</b>   | <b>87,252</b>  | <b>35,222</b>   | <b>11,532</b> | <b>158,111</b> |
| 1,389,158        | 415,636          | 30,559         | 727,628            | 304,062          | 38,281         | 22,259          | 5,926         | 110,456        |
| 174,918          | 31,084           | 7,667          | 63,107             | 27,296           | 10,049         | 2,550           | 1,244         | 13,540         |
| 122,889          | 53,163           | 8,530          | 116,188            | 53,113           | 15,511         | 2,839           | 1,934         | 12,233         |
| 6,240            | 29,330           |                | 151,045            | 9,290            | 7,207          |                 |               |                |
| 116,656          | 42,002           | 4,673          | 84,871             | 31,453           | 5,930          | 2,294           | 671           | 9,488          |
| <b>1,809,861</b> | <b>571,215</b>   | <b>51,429</b>  | <b>1,142,839</b>   | <b>425,214</b>   | <b>76,978</b>  | <b>29,942</b>   | <b>9,775</b>  | <b>145,717</b> |
| <b>47,449</b>    | <b>37,070</b>    | <b>8,227</b>   | <b>56,845</b>      | <b>50,319</b>    | <b>10,274</b>  | <b>5,280</b>    | <b>1,757</b>  | <b>12,394</b>  |
| 10,452           | 3,581            | 559            | 4,838              | 2,584            | 854            | 350             | 123           | 1,417          |

## Municipal Electrical Utilities Financial

| Municipality.....  | Grimsby        | Guelph            | Hagersville    | Hamilton          | Hanover        | Harriston      |
|--|----------------|-------------------|----------------|-------------------|----------------|----------------|
| Population.....  | 6,515          | 49,497            | 2,289          | 283,345           | 4,830          | 1,573          |
| <b>A. BALANCE SHEETS</b>   |                |                   |                |                   |                |                |
| <b>FIXED ASSETS</b>  | \$             | \$                | \$             | \$                | \$             | \$             |
| Plant and facilities at cost.....                                      | 530,685        | 6,763,755         | 194,865        | 31,250,952        | 548,077        | 274,660        |
| Accumulated depreciation.....  | 125,178        | 1,228,423         | 62,974         | 4,468,100         | 181,788        | 67,479         |
| Net fixed assets.....  | 405,507        | 5,535,332         | 131,891        | 26,782,852        | 366,289        | 207,181        |
| <b>CURRENT ASSETS</b>  |                |                   |                |                   |                |                |
| Cash on hand and in bank.....  | 43,345         | 48,906            | 15,372         | 244,414           | 26,251         | 6,056          |
| Short-term investments.....  | 50,000         | 265,721           | 50,000         | 1,600,000         |                |                |
| Investment in government securities.....                               |                |                   | 18,000         |                   | 22,000         | 7,000          |
| Accounts receivable (net).....   | 2,503          | 210,029           | 2,925          | 1,948,536         | 19,851         | 1,089          |
| Total current assets.....  | 95,848         | 524,656           | 86,297         | 3,792,950         | 68,102         | 14,145         |
| <b>OTHER ASSETS</b>  |                |                   |                |                   |                |                |
| Inventory of stores.....   |                | 109,375           | 65             | 971,589           | 14,726         | 219            |
| Sinking fund on local debentures.....                                  |                |                   |                |                   |                |                |
| Miscellaneous.....   | 5,969          | 30,179            | 576            | 27,544            | 358            | 970            |
| Total other assets.....  | 5,969          | 139,554           | 641            | 999,133           | 15,084         | 1,189          |
| Equity in Ontario Hydro Systems.....                                   | 243,278        | 4,066,833         | 339,742        | 44,184,388        | 499,372        | 199,167        |
| <b>Total.....</b>  | <b>750,602</b> | <b>10,266,375</b> | <b>558,571</b> | <b>75,759,323</b> | <b>948,847</b> | <b>421,682</b> |
| <b>LIABILITIES</b>   |                |                   |                |                   |                |                |
| Debentures outstanding.....  | 66,000         | 1,387,000         |                | 681,000           |                | 32,000         |
| Accounts payable.....  | 5,990          | 382,427           | 330            | 2,648,307         | 324            | 1,342          |
| Other.....   | 9,968          | 123,003           | 1,560          | 210,502           | 4,160          | 2,626          |
| Total liabilities.....   | 81,958         | 1,892,430         | 1,890          | 3,539,809         | 4,484          | 35,968         |
| <b>RESERVES</b>  |                |                   |                |                   |                |                |
| Equity in Ontario Hydro Systems..                                      | 243,278        | 4,066,833         | 339,742        | 44,184,388        | 499,372        | 199,167        |
| Other.....   |                |                   |                | 215,624           |                |                |
| Total reserves.....  | 243,278        | 4,066,833         | 339,742        | 44,400,012        | 499,372        | 199,167        |
| <b>CAPITAL</b>   |                |                   |                |                   |                |                |
| Debentures redeemed.....   | 109,344        | 876,079           | 8,000          | 7,028,892         | 80,162         | 33,708         |
| Local sinking fund.....  |                |                   |                |                   |                |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 315,133        | 3,246,785         | 208,939        | 20,585,871        | 354,428        | 152,839        |
| Contributed capital.....   | 889            | 184,248           |                | 204,739           | 10,401         |                |
| Total capital.....   | 425,366        | 4,307,112         | 216,939        | 27,819,502        | 444,991        | 186,547        |
| <b>Total.....</b>  | <b>750,602</b> | <b>10,266,375</b> | <b>558,571</b> | <b>75,759,323</b> | <b>948,847</b> | <b>421,682</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                   |                |                   |                |                |
| <b>REVENUE</b>   |                |                   |                |                   |                |                |
| Sales of electric energy.....  | 287,458        | 3,380,257         | 113,593        | 25,898,611        | 294,101        | 102,635        |
| Other.....   | 6,632          | 79,540            | 4,387          | 376,097           | 2,746          | 2,063          |
| <b>Total revenue.....</b>  | <b>294,090</b> | <b>3,459,797</b>  | <b>117,980</b> | <b>26,274,708</b> | <b>296,847</b> | <b>104,698</b> |
| <b>EXPENSE</b>   |                |                   |                |                   |                |                |
| Power purchased.....   | 175,210        | 2,149,404         | 67,602         | 22,374,640        | 220,433        | 67,170         |
| Local generation.....  |                |                   |                |                   |                |                |
| Operation and maintenance.....   | 11,058         | 191,620           | 15,770         | 1,134,447         | 15,662         | 9,547          |
| Administration.....  | 30,989         | 287,104           | 9,935          | 1,165,748         | 19,207         | 8,143          |
| Fixed charges—interest and principal                                   | 9,586          | 177,628           |                | 113,468           |                | 2,965          |
| —depreciation.....   | 17,740         | 179,548           | 6,224          | 738,553           | 14,650         | 7,632          |
| —other.....  |                |                   |                |                   |                |                |
| <b>Total expense.....</b>  | <b>244,583</b> | <b>2,985,304</b>  | <b>99,531</b>  | <b>25,526,856</b> | <b>269,952</b> | <b>95,457</b>  |
| <b>Net income or net expense.....</b>                                  | <b>49,507</b>  | <b>474,493</b>    | <b>18,449</b>  | <b>747,852</b>    | <b>26,895</b>  | <b>9,241</b>   |
| Number of customers.....   | 2,236          | 15,276            | 794            | 91,124            | 1,831          | 696            |

## Statements for the Year Ended December 31, 1966

| Harrow                  | Hastings                | Havelock                | Hawkesbury               | Hearst                  | Hensall                 | Hespeler                 | Highgate               | Holstein              |
|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|------------------------|-----------------------|
| 1,884                   | 832                     | 1,254                   | 9,281                    | 2,856                   | 920                     | 5,328                    | 423                    | 163                   |
| \$<br>311,697<br>97,059 | \$<br>118,248<br>34,640 | \$<br>124,293<br>39,944 | \$<br>865,742<br>229,300 | \$<br>317,967<br>55,088 | \$<br>172,023<br>52,028 | \$<br>619,628<br>142,728 | \$<br>44,932<br>18,254 | \$<br>12,880<br>4,368 |
| 214,638                 | 83,608                  | 84,349                  | 636,352                  | 262,879                 | 119,995                 | 476,900                  | 26,678                 | 8,512                 |
| 5,938                   | 4,890                   | 12,614                  | 18,651                   | 26,530                  | 12,298                  | 22,307                   | 5,183                  | 5,046                 |
| .....                   | .....                   | .....                   | 25,000                   | .....                   | .....                   | 25,000                   | .....                  | .....                 |
| .....                   | 4,917                   | 44,153                  | .....                    | 40,000                  | 8,926                   | 20,000                   | 3,000                  | .....                 |
| 936                     | 1,352                   | 1,944                   | 6,572                    | 3,885                   | 2,616                   | 32,924                   | 203                    | 156                   |
| 6,874                   | 11,159                  | 58,711                  | 50,223                   | 70,415                  | 23,840                  | 100,231                  | 8,386                  | 5,202                 |
| 55                      | .....                   | .....                   | 23,847                   | 251                     | 488                     | 216                      | .....                  | 30                    |
| .....                   | .....                   | .....                   | .....                    | .....                   | .....                   | .....                    | .....                  | .....                 |
| 1,177                   | 5                       | 998                     | 1,975                    | 6,168                   | 50                      | 2,275                    | .....                  | 485                   |
| 1,232                   | 5                       | 998                     | 25,822                   | 6,419                   | 538                     | 2,491                    | .....                  | 515                   |
| 205,827                 | 50,770                  | 83,997                  | 159,455                  | 39,102                  | 111,219                 | 807,541                  | 42,372                 | 16,037                |
| <b>428,571</b>          | <b>145,542</b>          | <b>228,055</b>          | <b>871,852</b>           | <b>378,815</b>          | <b>255,592</b>          | <b>1,387,163</b>         | <b>77,436</b>          | <b>30,266</b>         |
| .....                   | .....                   | 7,500                   | 123,000                  | 16,200                  | .....                   | .....                    | .....                  | .....                 |
| 1,210                   | 12,744                  | 495                     | 2,950                    | 3,913                   | 209                     | 5,031                    | 1                      | 140                   |
| 1,060                   | 875                     | 568                     | 11,805                   | 13,222                  | 490                     | 6,333                    | 190                    | 84                    |
| 2,270                   | 13,619                  | 8,563                   | 137,755                  | 33,335                  | 699                     | 11,364                   | 191                    | 224                   |
| 205,827                 | 50,770                  | 83,997                  | 159,455                  | 39,102                  | 111,219                 | 807,541                  | 42,372                 | 16,037                |
| .....                   | .....                   | .....                   | .....                    | .....                   | .....                   | .....                    | .....                  | .....                 |
| 205,827                 | 50,770                  | 83,997                  | 159,455                  | 39,102                  | 111,219                 | 807,541                  | 42,372                 | 16,037                |
| 12,000                  | 21,000                  | 55,400                  | 162,000                  | 123,800                 | 12,000                  | 77,571                   | 5,000                  | 2,762                 |
| .....                   | .....                   | .....                   | .....                    | .....                   | .....                   | .....                    | .....                  | .....                 |
| 206,569                 | 59,895                  | 80,095                  | 385,960                  | 182,578                 | 127,079                 | 488,221                  | 29,873                 | 11,243                |
| 1,905                   | 258                     | .....                   | 26,682                   | .....                   | 4,595                   | 2,466                    | .....                  | .....                 |
| 220,474                 | 81,153                  | 135,495                 | 574,642                  | 306,378                 | 143,674                 | 568,258                  | 34,873                 | 14,005                |
| <b>428,571</b>          | <b>145,542</b>          | <b>228,055</b>          | <b>871,852</b>           | <b>378,815</b>          | <b>255,592</b>          | <b>1,387,163</b>         | <b>77,436</b>          | <b>30,266</b>         |
| 126,666                 | 43,860                  | 44,035                  | 332,956                  | 152,910                 | 70,672                  | 370,594                  | 12,275                 | 7,362                 |
| 4,981                   | 1,084                   | 2,416                   | 12,015                   | 3,983                   | 698                     | 13,037                   | 298                    | .....                 |
| <b>131,647</b>          | <b>44,944</b>           | <b>46,451</b>           | <b>344,971</b>           | <b>156,893</b>          | <b>71,370</b>           | <b>383,631</b>           | <b>12,573</b>          | <b>7,362</b>          |
| 76,064                  | 27,146                  | 26,546                  | 209,070                  | 83,575                  | 41,832                  | 289,766                  | 6,477                  | 4,898                 |
| .....                   | .....                   | .....                   | .....                    | .....                   | .....                   | .....                    | .....                  | .....                 |
| 17,730                  | 2,140                   | 3,606                   | 26,390                   | 11,327                  | 4,759                   | 23,329                   | 1,696                  | 276                   |
| 17,581                  | 5,361                   | 5,014                   | 41,514                   | 15,068                  | 6,850                   | 27,102                   | 2,095                  | 749                   |
| .....                   | .....                   | 1,815                   | 21,097                   | 8,688                   | .....                   | .....                    | .....                  | .....                 |
| 10,509                  | 4,004                   | 4,022                   | 27,503                   | 8,018                   | 4,903                   | 17,351                   | 1,534                  | 447                   |
| .....                   | .....                   | .....                   | .....                    | .....                   | .....                   | .....                    | .....                  | .....                 |
| <b>121,884</b>          | <b>38,651</b>           | <b>41,003</b>           | <b>325,574</b>           | <b>126,676</b>          | <b>58,344</b>           | <b>357,548</b>           | <b>11,802</b>          | <b>6,370</b>          |
| <b>9,763</b>            | <b>6,293</b>            | <b>5,448</b>            | <b>19,397</b>            | <b>30,217</b>           | <b>13,026</b>           | <b>26,083</b>            | <b>771</b>             | <b>992</b>            |
| 718                     | 412                     | 460                     | 2,463                    | 799                     | 385                     | 1,654                    | 171                    | 97                    |



## Municipal Electrical Utilities Financial

| Municipality.....  | Huntsville     | Ingersoll        | Iroquois       | Jarvis         | Kapuskasing    | Kemptville     |
|--|----------------|------------------|----------------|----------------|----------------|----------------|
| Population.....  | 3,122          | 7,245            | 1,123          | 835            | 12,389         | 2,142          |
| <b>A. BALANCE SHEETS</b>   |                |                  |                |                |                |                |
| <b>FIXED ASSETS</b>  | \$             | \$               | \$             | \$             | \$             | \$             |
| Plant and facilities at cost.....                                      | 355,543        | 872,286          | 215,294        | 77,864         | 696,892        | 244,913        |
| Accumulated depreciation.....  | 93,070         | 246,576          | 51,591         | 25,462         | 116,908        | 44,636         |
| Net fixed assets.....  | 262,473        | 625,710          | 163,703        | 52,402         | 579,984        | 200,277        |
| <b>CURRENT ASSETS</b>  |                |                  |                |                |                |                |
| Cash on hand and in bank.....  | 37,279         | 35,067           | 7,039          | 11,708         | 8,537          | 1,048          |
| Short-term investments.....  | 30,000         | 100,000          | .....          | 15,000         | 60,000         | .....          |
| Investment in government securities                                    | 60,000         | .....            | 53,000         | .....          | .....          | 6,000          |
| Accounts receivable (net).....   | 6,824          | 11,292           | 1,375          | 988            | 5,218          | 2,145          |
| Total current assets.....  | 134,103        | 146,359          | 61,414         | 27,696         | 73,755         | 9,193          |
| <b>OTHER ASSETS</b>  |                |                  |                |                |                |                |
| Inventory of stores.....   | 7,022          | 26,426           | 720            | .....          | 11,543         | 9,466          |
| Sinking fund on local debentures...                                    | .....          | .....            | .....          | .....          | .....          | .....          |
| Miscellaneous.....   | 2,870          | 6,038            | 1,280          | 184            | 8,641          | .....          |
| Total other assets.....  | 9,892          | 32,464           | 2,000          | 184            | 20,184         | 9,466          |
| Equity in Ontario Hydro Systems....                                    | 406,852        | 946,272          | 72,680         | 77,582         | 98,768         | 195,655        |
| <b>Total.....</b>  | <b>813,320</b> | <b>1,750,805</b> | <b>299,797</b> | <b>157,864</b> | <b>772,691</b> | <b>414,591</b> |
| <b>LIABILITIES</b>   |                |                  |                |                |                |                |
| Debentures outstanding.....  | .....          | 49,602           | .....          | .....          | 183,516        | .....          |
| Accounts payable.....  | .....          | 3,037            | 391            | 414            | 4,823          | 253            |
| Other.....   | 1,820          | 13,903           | 1,650          | 330            | 27,100         | 1,839          |
| Total liabilities.....   | 1,820          | 66,542           | 2,041          | 744            | 215,439        | 2,092          |
| <b>RESERVES</b>  |                |                  |                |                |                |                |
| Equity in Ontario Hydro Systems..                                      | 406,852        | 946,272          | 72,680         | 77,582         | 98,768         | 195,655        |
| Other.....   | .....          | .....            | .....          | .....          | .....          | .....          |
| Total reserves.....  | 406,852        | 946,272          | 72,680         | 77,582         | 98,768         | 195,655        |
| <b>CAPITAL</b>   |                |                  |                |                |                |                |
| Debentures redeemed.....   | 15,697         | 150,198          | .....          | 10,500         | 101,963        | 19,507         |
| Local sinking fund.....  | .....          | .....            | .....          | .....          | .....          | .....          |
| Accumulated net income invested in<br>plant or held as working funds.. | 388,951        | 587,793          | 81,087         | 68,561         | 356,521        | 197,337        |
| Contributed capital.....   | .....          | .....            | 143,989        | 477            | .....          | .....          |
| Total capital.....   | 404,648        | 737,991          | 225,076        | 79,538         | 458,484        | 216,844        |
| <b>Total.....</b>  | <b>813,320</b> | <b>1,750,805</b> | <b>299,797</b> | <b>157,864</b> | <b>772,691</b> | <b>414,591</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                  |                |                |                |                |
| <b>REVENUE</b>   |                |                  |                |                |                |                |
| Sales of electric energy.....  | 177,798        | 440,357          | 55,205         | 31,523         | 289,652        | 140,606        |
| Other.....   | 7,972          | 12,281           | 2,948          | 824            | 7,604          | 3,324          |
| <b>Total revenue.....</b>  | <b>185,770</b> | <b>452,638</b>   | <b>58,153</b>  | <b>32,347</b>  | <b>297,256</b> | <b>143,930</b> |
| <b>EXPENSE</b>   |                |                  |                |                |                |                |
| Power purchased.....   | 111,301        | 271,874          | 39,722         | 17,345         | 185,475        | 88,270         |
| Local generation.....  | .....          | .....            | .....          | .....          | .....          | .....          |
| Operation and maintenance.....   | 21,579         | 38,706           | 6,629          | 3,036          | 21,645         | 12,732         |
| Administration.....  | 15,045         | 43,859           | 9,269          | 4,329          | 44,950         | 11,318         |
| Fixed charges—interest and principal                                   | .....          | 11,769           | .....          | .....          | 26,343         | .....          |
| —depreciation.....   | 9,665          | 24,011           | 5,594          | 2,363          | 20,757         | 7,697          |
| —other.....  | .....          | .....            | .....          | .....          | .....          | .....          |
| <b>Total expense.....</b>  | <b>157,590</b> | <b>390,219</b>   | <b>61,214</b>  | <b>27,073</b>  | <b>299,170</b> | <b>120,017</b> |
| <b>Net income or net expense.....</b>                                  | <b>28,180</b>  | <b>62,419</b>    | <b>3,061</b>   | <b>5,274</b>   | <b>1,914</b>   | <b>23,913</b>  |
| Number of customers.....   | 1,289          | 2,498            | 412            | 297            | 2,186          | 866            |

## Statements for the Year Ended December 31, 1966

| Killaloe<br>Station<br>825 | Kincardine<br>2,734      | King City<br>1,949      | Kingston<br>54,086           | Kingsville<br>3,450      | Kirkfield<br>194      | Kitchener<br>91,376           | Lakefield<br>2,201      | Lambeth<br>2,654        |
|----------------------------|--------------------------|-------------------------|------------------------------|--------------------------|-----------------------|-------------------------------|-------------------------|-------------------------|
| \$<br>64,372<br>18,786     | \$<br>378,478<br>131,807 | \$<br>162,537<br>58,356 | \$<br>7,956,390<br>2,246,068 | \$<br>371,784<br>131,065 | \$<br>27,980<br>8,024 | \$<br>14,196,739<br>3,343,837 | \$<br>305,146<br>81,306 | \$<br>191,596<br>54,239 |
| 45,586                     | 246,671                  | 104,181                 | 5,710,322                    | 240,719                  | 19,956                | 10,852,902                    | 223,840                 | 137,357                 |
| 11,104                     | 32,596                   | 11,364                  | 590,014                      | 9,282                    | 7,254                 | 587,905                       | 6,378                   | 24,727                  |
| .....                      | .....                    | 35,000                  | .....                        | 10,000                   | .....                 | 500,000                       | .....                   | .....                   |
| .....                      | 5,000                    | .....                   | 130,000                      | 8,500                    | .....                 | 200,000                       | 21,000                  | .....                   |
| 963                        | 2,057                    | 1,704                   | 413,322                      | 5,662                    | 693                   | 666,852                       | 2,755                   | 3,040                   |
| 12,067                     | 39,653                   | 48,068                  | 1,133,336                    | 33,444                   | 7,947                 | 1,954,757                     | 30,133                  | 27,767                  |
| .....                      | 9,796                    | .....                   | 255,548                      | 1,373                    | .....                 | 455,138                       | 6,064                   | .....                   |
| .....                      | .....                    | .....                   | .....                        | .....                    | .....                 | .....                         | .....                   | .....                   |
| 2,455                      | .....                    | 4,138                   | 8,323                        | 929                      | .....                 | 28,237                        | 1,123                   | 334                     |
| 2,455                      | 9,796                    | 4,138                   | 263,871                      | 2,302                    | .....                 | 483,375                       | 7,187                   | 334                     |
| 18,188                     | 334,822                  | 40,292                  | 3,589,072                    | 274,508                  | 16,504                | 8,368,291                     | 155,511                 | 95,532                  |
| <b>78,296</b>              | <b>630,942</b>           | <b>196,679</b>          | <b>10,696,601</b>            | <b>550,973</b>           | <b>44,407</b>         | <b>21,659,325</b>             | <b>416,671</b>          | <b>260,990</b>          |
| 32,500                     | .....                    | 100,300                 | 1,856,800                    | .....                    | .....                 | 1,673,000                     | .....                   | 5,737                   |
| 115                        | 299                      | 3,784                   | 311,329                      | 2,213                    | 595                   | 443,351                       | 22,048                  | 282                     |
| 120                        | 3,001                    | 5,338                   | 14,661                       | 5,445                    | 25                    | 132,385                       | 2,220                   | 2,170                   |
| 32,735                     | 3,300                    | 109,422                 | 2,182,790                    | 7,658                    | 620                   | 2,248,736                     | 24,268                  | 8,189                   |
| 18,188                     | 334,822                  | 40,292                  | 3,589,072                    | 274,508                  | 16,504                | 8,368,291                     | 155,511                 | 95,532                  |
| .....                      | .....                    | .....                   | 104,287                      | .....                    | .....                 | .....                         | .....                   | .....                   |
| 18,188                     | 334,822                  | 40,292                  | 3,693,359                    | 274,508                  | 16,504                | 8,368,291                     | 155,511                 | 95,532                  |
| 7,500                      | 60,000                   | 10,950                  | 917,008                      | 33,500                   | 5,765                 | 2,404,244                     | 33,500                  | 26,763                  |
| .....                      | .....                    | .....                   | .....                        | .....                    | .....                 | .....                         | .....                   | .....                   |
| 19,873                     | 232,820                  | 35,502                  | 3,878,948                    | 228,089                  | 21,518                | 8,303,877                     | 203,392                 | 115,994                 |
| .....                      | .....                    | 513                     | 24,496                       | 7,218                    | .....                 | 334,177                       | .....                   | 14,512                  |
| 27,373                     | 292,820                  | 46,965                  | 4,820,452                    | 268,807                  | 27,283                | 11,042,298                    | 236,892                 | 157,269                 |
| <b>78,296</b>              | <b>630,942</b>           | <b>196,679</b>          | <b>10,696,601</b>            | <b>550,973</b>           | <b>44,407</b>         | <b>21,659,325</b>             | <b>416,671</b>          | <b>260,990</b>          |
| 30,537                     | 166,524                  | 82,017                  | 3,774,734                    | 145,824                  | 8,583                 | 5,478,844                     | 124,175                 | 96,525                  |
| 367                        | 2,885                    | 7,783                   | 95,047                       | 1,614                    | 247                   | 37,842                        | 2,979                   | 3,047                   |
| <b>30,904</b>              | <b>169,409</b>           | <b>89,800</b>           | <b>3,869,781</b>             | <b>147,438</b>           | <b>8,830</b>          | <b>5,516,686</b>              | <b>127,154</b>          | <b>99,572</b>           |
| 16,499                     | 97,624                   | 55,723                  | 2,822,859                    | 97,904                   | 4,519                 | 3,911,232                     | 72,998                  | 61,797                  |
| 796                        | 13,212                   | 4,146                   | 278,351                      | 15,234                   | 1,139                 | 334,673                       | 10,472                  | 3,869                   |
| 3,302                      | 10,708                   | 6,470                   | 263,788                      | 20,072                   | 775                   | 347,473                       | 9,663                   | 8,232                   |
| 3,540                      | .....                    | 9,636                   | 161,264                      | .....                    | .....                 | 140,686                       | 1,803                   | 1,307                   |
| 1,917                      | 11,039                   | 8,218                   | 209,535                      | 10,723                   | 956                   | 331,565                       | 10,214                  | 7,040                   |
| .....                      | .....                    | .....                   | .....                        | .....                    | .....                 | .....                         | .....                   | .....                   |
| <b>26,054</b>              | <b>132,583</b>           | <b>84,193</b>           | <b>3,735,797</b>             | <b>143,933</b>           | <b>7,389</b>          | <b>5,065,629</b>              | <b>105,150</b>          | <b>82,245</b>           |
| <b>4,850</b>               | <b>36,826</b>            | <b>5,607</b>            | <b>133,984</b>               | <b>3,505</b>             | <b>1,441</b>          | <b>451,057</b>                | <b>22,004</b>           | <b>17,327</b>           |
| 286                        | 1,335                    | 551                     | 18,888                       | 1,456                    | 106                   | 28,948                        | 825                     | 814                     |

## Municipal Electrical Utilities Financial

| Municipality   | Lanark         | Lancaster     | Larder Lake<br>Twp. | Latchford     | Leamington       | Lindsay          |
|--|----------------|---------------|---------------------|---------------|------------------|------------------|
| Population   | 925            | 600           | 1,392               | 488           | 9,379            | 11,763           |
| <b>A. BALANCE SHEETS</b>   |                |               |                     |               |                  |                  |
| <b>FIXED ASSETS</b>  | \$             | \$            | \$                  | \$            | \$               | \$               |
| Plant and facilities at cost   | 71,192         | 45,023        | 78,212              | 51,971        | 1,077,617        | 1,550,057        |
| Accumulated depreciation   | 15,932         | 15,106        | 32,478              | 13,467        | 289,328          | 505,075          |
| Net fixed assets   | 55,260         | 29,917        | 45,734              | 38,504        | 788,289          | 1,044,982        |
| <b>CURRENT ASSETS</b>  |                |               |                     |               |                  |                  |
| Cash on hand and in bank   | 2,443          | 16,514        | 13,426              | 6,981         | 18,213           | 44,057           |
| Short-term investments   |                |               | 10,000              |               | 10,000           |                  |
| Investment in government securities                                  | 9,000          | 6,672         |                     |               | 2,000            |                  |
| Accounts receivable (net)  | 620            | 3,657         | 779                 | 2,349         | 21,717           | 37,498           |
| Total current assets   | 12,063         | 26,843        | 24,205              | 9,330         | 51,930           | 81,555           |
| <b>OTHER ASSETS</b>  |                |               |                     |               |                  |                  |
| Inventory of stores  | 253            |               |                     |               | 32,546           | 18,455           |
| Sinking fund on local debentures                                     |                |               |                     |               |                  |                  |
| Miscellaneous  |                | 391           |                     |               | 1,244            |                  |
| Total other assets   | 253            | 391           |                     |               | 33,790           | 18,455           |
| Equity in Ontario Hydro Systems                                      | 47,411         | 37,297        | 26,069              | 5,109         | 781,524          | 1,080,833        |
| <b>Total</b>   | <b>114,987</b> | <b>94,448</b> | <b>96,008</b>       | <b>52,943</b> | <b>1,655,533</b> | <b>2,225,825</b> |
| <b>LIABILITIES</b>   |                |               |                     |               |                  |                  |
| Debentures outstanding   |                |               |                     |               | 45,000           |                  |
| Accounts payable   | 943            | 959           | 2,039               | 4,653         | 2,110            | 52,283           |
| Other  | 376            | 588           | 5,062               | 589           | 16,184           | 8,746            |
| Total liabilities  | 1,319          | 1,547         | 7,101               | 5,242         | 63,294           | 61,029           |
| <b>RESERVES</b>  |                |               |                     |               |                  |                  |
| Equity in Ontario Hydro Systems                                      | 47,411         | 37,297        | 26,069              | 5,109         | 781,524          | 1,080,833        |
| Other  |                |               |                     |               | 14,307           |                  |
| Total reserves   | 47,411         | 37,297        | 26,069              | 5,109         | 795,831          | 1,080,833        |
| <b>CAPITAL</b>   |                |               |                     |               |                  |                  |
| Debentures redeemed  | 7,317          | 8,917         | 15,753              | 18,901        | 81,000           | 130,000          |
| Local sinking fund   |                |               |                     |               |                  |                  |
| Accumulated net income invested in<br>plant or held as working funds | 58,940         | 46,087        | 47,085              | 20,782        | 684,323          | 950,819          |
| Contributed capital  |                | 600           |                     | 2,909         | 31,085           | 3,144            |
| Total capital  | 66,257         | 55,604        | 62,838              | 42,592        | 796,408          | 1,083,963        |
| <b>Total</b>   | <b>114,987</b> | <b>94,448</b> | <b>96,008</b>       | <b>52,943</b> | <b>1,655,533</b> | <b>2,225,825</b> |
| <b>B. OPERATING STATEMENTS</b>                                       |                |               |                     |               |                  |                  |
| <b>REVENUE</b>   |                |               |                     |               |                  |                  |
| Sales of electric energy   | 24,126         | 26,503        | 53,127              | 12,491        | 530,089          | 760,531          |
| Other  | 1,095          | 789           | 527                 | 244           | 4,232            | 32,307           |
| <b>Total revenue</b>   | <b>25,221</b>  | <b>27,292</b> | <b>53,654</b>       | <b>12,735</b> | <b>534,321</b>   | <b>792,838</b>   |
| <b>EXPENSE</b>   |                |               |                     |               |                  |                  |
| Power purchased  | 16,472         | 14,128        | 35,239              | 7,891         | 363,864          | 547,097          |
| Local generation   |                |               |                     |               |                  |                  |
| Operation and maintenance  | 2,087          | 1,875         | 3,298               | 926           | 20,408           | 57,226           |
| Administration   | 2,003          | 2,803         | 6,680               | 1,428         | 42,797           | 71,058           |
| Fixed charges—interest and principal                                 |                |               |                     |               | 6,426            |                  |
| —depreciation  | 2,253          | 1,419         | 2,727               | 1,704         | 27,561           | 50,238           |
| —other   |                |               |                     |               |                  |                  |
| <b>Total expense</b>   | <b>22,815</b>  | <b>20,225</b> | <b>47,944</b>       | <b>11,949</b> | <b>461,056</b>   | <b>725,619</b>   |
| <b>Net income or net expense</b>                                     | <b>2,406</b>   | <b>7,067</b>  | <b>5,710</b>        | <b>786</b>    | <b>73,265</b>    | <b>67,219</b>    |
| Number of customers  | 294            | 223           | 445                 | 151           | 3,497            | 4,254            |



Statements for the Year Ended December 31, 1966

| Listowel                 | London                        | Long Branch              | L'Orignal               | Lucan                   | Lucknow                 | Lynden                 | Madoc                   | Magneta-<br>wan        |
|--------------------------|-------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|
| 4,420                    | 187,624                       | 12,439                   | 1,354                   | 969                     | 1,078                   | 575                    | 1,264                   | 223                    |
| \$<br>503,742<br>194,402 | \$<br>27,902,771<br>6,840,347 | \$<br>782,232<br>167,525 | \$<br>142,433<br>41,217 | \$<br>118,253<br>41,879 | \$<br>126,157<br>25,263 | \$<br>47,037<br>17,240 | \$<br>191,583<br>70,382 | \$<br>33,004<br>10,859 |
| 309,340                  | 21,062,424                    | 614,707                  | 101,216                 | 76,374                  | 100,894                 | 29,797                 | 121,201                 | 22,145                 |
| 56,259                   | 3,620                         | 17,789                   | 7,806                   | 12,499                  | 19,301                  | 6,564                  | 17,633                  | 5,021                  |
| 20,000                   | 252,253                       | 139,843                  |                         | 5,500                   | 9,000                   | 5,000                  | 20,000                  | 6,000                  |
| 31,348                   | 1,197,337                     | 96,102                   | 1,850                   | 1,121                   | 1,441                   | 2,150                  | 3,320                   | 24                     |
| 107,607                  | 1,453,210                     | 253,734                  | 9,656                   | 19,120                  | 29,742                  | 25,714                 | 40,953                  | 11,045                 |
| 319                      | 1,153,872                     |                          |                         | 41                      |                         | 60                     | 6,598                   | 136                    |
| 2,134                    | 161,956                       | 50                       | 2,878                   |                         | 1,824                   | 10                     |                         | 490                    |
| 2,453                    | 1,315,828                     | 50                       | 2,878                   | 41                      | 1,824                   | 70                     | 6,598                   | 626                    |
| 491,311                  | 13,483,944                    | 614,763                  | 22,930                  | 91,769                  | 137,125                 | 50,089                 | 105,941                 | 7,011                  |
| <b>910,711</b>           | <b>37,315,406</b>             | <b>1,483,254</b>         | <b>136,680</b>          | <b>187,304</b>          | <b>269,585</b>          | <b>105,670</b>         | <b>274,693</b>          | <b>40,827</b>          |
| 27,306                   | 8,014,538                     |                          | 11,000                  |                         |                         |                        |                         | 5,700                  |
| 10,533                   | 1,115,269                     | 48                       | 840                     | 113                     | 1,454                   | 1,918                  | 98                      |                        |
| 8,077                    | 331,378                       | 33,775                   | 670                     | 875                     |                         | 182                    | 1,666                   |                        |
| 45,916                   | 9,461,185                     | 33,823                   | 12,510                  | 988                     | 1,454                   | 2,100                  | 1,764                   | 5,700                  |
| 491,311                  | 13,483,944                    | 614,763                  | 22,930                  | 91,769                  | 137,125                 | 50,089                 | 105,941                 | 7,011                  |
|                          | 216,459                       |                          |                         |                         |                         |                        |                         |                        |
| 491,311                  | 13,700,403                    | 614,763                  | 22,930                  | 91,769                  | 137,125                 | 50,089                 | 105,941                 | 7,011                  |
| 105,528                  | 3,638,370                     | 40,305                   | 17,000                  | 11,214                  | 17,614                  | 4,495                  | 14,000                  | 18,300                 |
| 266,424                  | 10,360,299                    | 781,435                  | 84,240                  | 83,333                  | 113,392                 | 48,986                 | 152,988                 | 9,816                  |
| 1,532                    | 155,149                       | 12,928                   |                         |                         |                         |                        |                         |                        |
| 373,484                  | 14,153,818                    | 834,668                  | 101,240                 | 94,547                  | 131,006                 | 53,481                 | 166,988                 | 28,116                 |
| <b>910,711</b>           | <b>37,315,406</b>             | <b>1,483,254</b>         | <b>136,680</b>          | <b>187,304</b>          | <b>269,585</b>          | <b>105,670</b>         | <b>274,693</b>          | <b>40,827</b>          |
| 266,519                  | 10,468,716                    | 471,722                  | 49,947                  | 45,343                  | 64,949                  | 24,924                 | 67,014                  | 10,922                 |
| 4,932                    | 348,512                       | 15,938                   | 2,558                   | 1,273                   | 1,374                   | 1,154                  | 3,418                   | 361                    |
| <b>271,451</b>           | <b>10,817,228</b>             | <b>487,660</b>           | <b>52,505</b>           | <b>46,616</b>           | <b>66,323</b>           | <b>26,078</b>          | <b>70,432</b>           | <b>11,283</b>          |
| 183,847                  | 6,664,758                     | 339,827                  | 29,111                  | 28,863                  | 37,212                  | 18,241                 | 45,236                  | 4,975                  |
| 21,843                   | 706,318                       | 31,773                   | 2,756                   | 5,884                   | 4,137                   | 438                    | 3,435                   | 467                    |
| 14,620                   | 886,042                       | 53,050                   | 4,074                   | 7,350                   | 6,089                   | 2,835                  | 5,542                   | 1,071                  |
| 9,871                    | 910,770                       | 3,614                    | 2,125                   |                         |                         |                        |                         | 2,100                  |
| 16,557                   | 756,900                       | 24,872                   | 5,539                   | 3,968                   | 3,361                   | 1,733                  | 7,692                   | 1,030                  |
| <b>246,738</b>           | <b>9,924,788</b>              | <b>453,136</b>           | <b>43,605</b>           | <b>46,065</b>           | <b>50,799</b>           | <b>23,247</b>          | <b>61,905</b>           | <b>9,643</b>           |
| <b>24,713</b>            | <b>892,440</b>                | <b>34,524</b>            | <b>8,900</b>            | <b>551</b>              | <b>15,524</b>           | <b>2,831</b>           | <b>8,527</b>            | <b>1,640</b>           |
| 1,745                    | 60,158                        | 5,068                    | 431                     | 384                     | 488                     | 179                    | 607                     | 114                    |

## Municipal Electrical Utilities Financial

| Municipality.....  | Markdale       | Markham        | Marmora        | Martintown    | Massey         | Maxville       |
|--|----------------|----------------|----------------|---------------|----------------|----------------|
| Population .....   | 1,099          | 7,694          | 1,264          | 377           | 1,221          | 776            |
| <b>A. BALANCE SHEETS</b>   |                |                |                |               |                |                |
| <b>FIXED ASSETS</b>  | \$             | \$             | \$             | \$            | \$             | \$             |
| Plant and facilities at cost.....                                      | 83,796         | 766,505        | 124,207        | 36,184        | 110,201        | 96,486         |
| Accumulated depreciation .....   | 17,725         | 143,967        | 50,644         | 13,346        | 19,902         | 21,880         |
| Net fixed assets .....   | 66,071         | 622,538        | 73,563         | 22,838        | 90,299         | 74,606         |
| <b>CURRENT ASSETS</b>  |                |                |                |               |                |                |
| Cash on hand and in bank.....  | 20,039         | 60,653         | 7,039          | 7,252         | 9,577          | 12,105         |
| Short-term investments.....  |                |                |                |               |                | 5,250          |
| Investment in government securities                                    | 6,000          |                | 3,000          |               | 10,000         | 1,500          |
| Accounts receivable (net).....   | 2,694          | 13,024         | 690            | 3,496         | 2,312          | 631            |
| Total current assets.....  | 28,733         | 73,677         | 10,729         | 10,748        | 21,889         | 19,486         |
| <b>OTHER ASSETS</b>  |                |                |                |               |                |                |
| Inventory of stores.....   | 294            | 2,767          | 2,130          |               | 349            |                |
| Sinking fund on local debentures ..                                    |                |                |                |               |                |                |
| Miscellaneous.....   | 9,695          | 5,353          |                |               | 2,598          | 300            |
| Total other assets .....   | 9,989          | 8,120          | 2,130          |               | 2,947          | 300            |
| Equity in Ontario Hydro Systems....                                    | 83,767         | 246,054        | 77,037         | 18,111        | 13,623         | 67,082         |
| <b>Total.....</b>  | <b>188,560</b> | <b>950,389</b> | <b>163,459</b> | <b>51,697</b> | <b>128,758</b> | <b>161,474</b> |
| <b>LIABILITIES</b>   |                |                |                |               |                |                |
| Debentures outstanding.....  |                | 141,893        |                |               | 24,400         |                |
| Accounts payable.....  | 25             | 13,986         | 130            | 124           | 778            | 4,126          |
| Other.....   | 814            | 41,348         | 845            | 87            | 1,741          | 994            |
| Total liabilities.....   | 839            | 197,227        | 975            | 211           | 26,919         | 5,120          |
| <b>RESERVES</b>  |                |                |                |               |                |                |
| Equity in Ontario Hydro Systems..                                      | 83,767         | 246,054        | 77,037         | 18,111        | 13,623         | 67,082         |
| Other.....   |                |                |                |               |                |                |
| Total reserves.....  | 83,767         | 246,054        | 77,037         | 18,111        | 13,623         | 67,082         |
| <b>CAPITAL</b>   |                |                |                |               |                |                |
| Debentures redeemed.....   | 6,370          | 52,829         | 15,092         | 5,347         | 20,600         | 13,642         |
| Local sinking fund.....  |                |                |                |               |                |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 97,584         | 339,690        | 70,355         | 28,028        | 67,616         | 73,915         |
| Contributed capital.....   |                | 114,589        |                |               |                | 1,715          |
| Total capital.....   | 103,954        | 507,108        | 85,447         | 33,375        | 88,216         | 89,272         |
| <b>Total.....</b>  | <b>188,560</b> | <b>950,389</b> | <b>163,459</b> | <b>51,697</b> | <b>128,758</b> | <b>161,474</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                |                |               |                |                |
| <b>REVENUE</b>   |                |                |                |               |                |                |
| Sales of electric energy.....  | 55,976         | 365,189        | 55,256         | 10,464        | 49,424         | 44,032         |
| Other.....   | 497            | 9,200          | 843            | 333           | 503            | 460            |
| <b>Total revenue.....</b>  | <b>56,473</b>  | <b>374,389</b> | <b>56,099</b>  | <b>10,797</b> | <b>49,927</b>  | <b>44,492</b>  |
| <b>EXPENSE</b>   |                |                |                |               |                |                |
| Power purchased.....   | 37,416         | 264,691        | 35,671         | 6,701         | 24,532         | 27,253         |
| Local generation.....  |                |                |                |               |                |                |
| Operation and maintenance.....   | 2,361          | 12,833         | 7,117          | 1,039         | 4,930          | 3,087          |
| Administration.....  | 3,192          | 34,548         | 4,020          | 1,297         | 6,900          | 2,285          |
| Fixed charges—interest and principal                                   |                | 19,845         |                |               | 3,902          |                |
| —depreciation.....   | 2,731          | 22,031         | 4,273          | 1,163         | 2,830          | 2,713          |
| —other.....  |                |                |                |               |                |                |
| <b>Total expense.....</b>  | <b>45,700</b>  | <b>353,948</b> | <b>51,081</b>  | <b>10,200</b> | <b>43,094</b>  | <b>35,338</b>  |
| <b>Net income or net expense.....</b>                                  | <b>10,773</b>  | <b>20,441</b>  | <b>5,018</b>   | <b>597</b>    | <b>6,833</b>   | <b>9,154</b>   |
| Number of customers.....   | 478            | 2,238          | 504            | 124           | 362            | 320            |

## Statements for the Year Ended December 31, 1966

| McGarry<br>Twp.<br>1,829 | Meaford<br>3,781         | Merlin<br>639          | Merrick-<br>ville<br>893 | Midland<br>9,815         | Mildmay<br>915         | Millbrook<br>931       | Milton<br>6,407          | Milverton<br>1,099      |
|--------------------------|--------------------------|------------------------|--------------------------|--------------------------|------------------------|------------------------|--------------------------|-------------------------|
| \$<br>90,081<br>28,609   | \$<br>334,654<br>107,383 | \$<br>86,679<br>36,792 | \$<br>88,888<br>16,183   | \$<br>912,249<br>382,743 | \$<br>70,728<br>12,025 | \$<br>93,584<br>23,259 | \$<br>790,423<br>247,239 | \$<br>130,829<br>28,916 |
| 61,472                   | 227,271                  | 49,887                 | 72,705                   | 529,506                  | 58,703                 | 70,325                 | 543,184                  | 101,913                 |
| 20,199                   | 49,768                   | 5,646                  | 10,312                   | 18,481                   | 5,888                  | 7,833                  | 96,301                   | 4,926                   |
| 10,000                   |                          | 26,250                 |                          |                          | 7,500                  | 5,000                  | 100,000                  | 16,500                  |
| 2,203                    | 15,969                   | 309                    | 1,944                    | 27,752                   | 230                    | 629                    | 4,462                    | 277                     |
| 32,402                   | 65,737                   | 32,205                 | 12,256                   | 46,233                   | 13,618                 | 13,462                 | 200,763                  | 21,703                  |
|                          | 12,288                   | 213                    |                          | 27,717                   |                        |                        | 2,324                    | 326                     |
| 430                      | 5,365                    | 161                    | 529                      | 897                      |                        |                        | 4,876                    | 46                      |
| 430                      | 17,653                   | 374                    | 529                      | 28,614                   |                        |                        | 7,200                    | 372                     |
| 24,046                   | 332,109                  | 55,205                 | 33,238                   | 1,179,036                | 53,670                 | 42,261                 | 547,107                  | 176,585                 |
| <b>118,350</b>           | <b>642,770</b>           | <b>137,671</b>         | <b>118,728</b>           | <b>1,783,389</b>         | <b>125,991</b>         | <b>126,048</b>         | <b>1,298,254</b>         | <b>300,573</b>          |
|                          |                          |                        | 6,400                    |                          |                        |                        | 44,809                   | 7,600                   |
| 48                       | 12,881                   | 596                    | 980                      | 3,670                    | 67                     | 1,011                  | 11,309                   | 428                     |
| 3,217                    | 9,122                    | 296                    | 1,170                    | 3,401                    | 441                    | 1,163                  | 8,420                    | 976                     |
| 3,265                    | 22,003                   | 892                    | 8,550                    | 7,071                    | 508                    | 2,174                  | 64,538                   | 9,004                   |
| 24,046                   | 332,109                  | 55,205                 | 33,238                   | 1,179,036                | 53,670                 | 42,261                 | 547,107                  | 176,585                 |
| 24,046                   | 332,109                  | 55,205                 | 33,238                   | 1,179,036                | 53,670                 | 42,261                 | 547,107                  | 176,585                 |
| 13,782                   | 47,725                   | 13,122                 | 18,600                   | 111,945                  | 12,304                 | 9,000                  | 79,053                   | 16,660                  |
| 77,257                   | 240,933                  | 68,452                 | 54,915                   | 485,337                  | 59,509                 | 66,863                 | 607,556                  | 94,789                  |
|                          |                          |                        | 3,425                    |                          |                        | 5,750                  |                          | 3,535                   |
| 91,039                   | 288,658                  | 81,574                 | 76,940                   | 597,282                  | 71,813                 | 81,613                 | 686,609                  | 114,984                 |
| <b>118,350</b>           | <b>642,770</b>           | <b>137,671</b>         | <b>118,728</b>           | <b>1,783,389</b>         | <b>125,991</b>         | <b>126,048</b>         | <b>1,298,254</b>         | <b>300,573</b>          |
| 49,160                   | 200,633                  | 32,185                 | 40,340                   | 500,034                  | 41,326                 | 37,764                 | 366,083                  | 70,308                  |
| 833                      | 4,393                    | 2,246                  | 57                       | 3,534                    | 705                    | 2,399                  | 24,085                   | 1,117                   |
| <b>49,993</b>            | <b>205,026</b>           | <b>34,431</b>          | <b>40,397</b>            | <b>503,568</b>           | <b>42,031</b>          | <b>40,163</b>          | <b>390,168</b>           | <b>71,425</b>           |
| 30,772                   | 135,875                  | 17,759                 | 26,877                   | 410,446                  | 25,030                 | 22,574                 | 239,782                  | 43,735                  |
| 2,691                    | 10,870                   | 2,002                  | 2,124                    | 34,736                   | 5,768                  | 2,829                  | 15,514                   | 10,155                  |
| 7,161                    | 22,387                   | 5,799                  | 3,016                    | 33,008                   | 3,602                  | 3,705                  | 36,131                   | 8,031                   |
|                          |                          |                        | 1,777                    |                          |                        |                        | 7,209                    | 1,169                   |
| 2,928                    | 10,512                   | 2,738                  | 2,458                    | 28,695                   | 2,122                  | 4,100                  | 28,165                   | 3,288                   |
| 43,552                   | 179,644                  | 28,298                 | 36,252                   | 506,885                  | 36,522                 | 33,208                 | 326,801                  | 66,378                  |
| <b>6,441</b>             | <b>25,382</b>            | <b>6,133</b>           | <b>4,145</b>             | <b>3,317</b>             | <b>5,509</b>           | <b>6,955</b>           | <b>63,367</b>            | <b>5,047</b>            |
| 382                      | 1,620                    | 270                    | 367                      | 3,163                    | 336                    | 340                    | 1,886                    | 501                     |



## Municipal Electrical Utilities Financial

| Municipality.....   | Mimico           | Mitchell       | Moorefield    | Morrisburg     | Mount<br>Brydges | Mount<br>Forest |
|---|------------------|----------------|---------------|----------------|------------------|-----------------|
| Population .....  | 18,700           | 2,414          | 319           | 1,978          | 1,109            | 2,802           |
| <b>A. BALANCE SHEETS</b>  |                  |                |               |                |                  |                 |
| <b>FIXED ASSETS</b>   | \$               | \$             | \$            | \$             | \$               | \$              |
| Plant and facilities at cost.....                                     | 1,319,868        | 417,434        | 33,457        | 263,438        | 94,654           | 282,188         |
| Accumulated depreciation.....   | 384,304          | 111,780        | 11,140        | 66,137         | 15,830           | 70,944          |
| Net fixed assets.....   | 935,564          | 305,654        | 22,317        | 197,301        | 78,824           | 211,244         |
| <b>CURRENT ASSETS</b>   |                  |                |               |                |                  |                 |
| Cash on hand and in bank.....   | 105,942          | 150            | 2,961         | 22,664         | 16,925           | 8,934           |
| Short-term investments.....   |                  | 25,000         |               |                |                  |                 |
| Investment in government securities                                   | 65,000           |                | 1,000         | 11,000         |                  | 15,000          |
| Accounts receivable (net).....  | 56,061           | 12,151         | 249           | 2,056          | 1,413            | 2,589           |
| Total current assets.....   | 227,003          | 37,301         | 4,210         | 35,720         | 18,338           | 26,523          |
| <b>OTHER ASSETS</b>   |                  |                |               |                |                  |                 |
| Inventory of stores.....  | 18,934           | 14,306         |               | 10,287         |                  | 6,976           |
| Sinking fund on local debentures.....                                 |                  |                |               |                |                  |                 |
| Miscellaneous.....  | 36,538           | 401            |               |                | 231              |                 |
| Total other assets.....   | 55,472           | 14,707         |               | 10,287         | 231              | 6,976           |
| Equity in Ontario Hydro Systems.....                                  | 995,068          | 264,721        | 35,827        | 116,378        | 48,497           | 241,462         |
| <b>Total.....</b>   | <b>2,213,107</b> | <b>622,383</b> | <b>62,354</b> | <b>359,686</b> | <b>145,890</b>   | <b>486,205</b>  |
| <b>LIABILITIES</b>  |                  |                |               |                |                  |                 |
| Debentures outstanding.....   | 41,500           | 42,200         |               |                | 11,500           |                 |
| Accounts payable.....   | 3,369            | 390            | 66            | 1,276          | 7                | 503             |
| Other.....  | 49,493           | 2,053          | 7             | 2,800          | 1,040            | 2,236           |
| Total liabilities.....  | 94,362           | 44,643         | 73            | 4,076          | 12,547           | 2,739           |
| <b>RESERVES</b>   |                  |                |               |                |                  |                 |
| Equity in Ontario Hydro Systems..                                     | 995,068          | 264,721        | 35,827        | 116,378        | 48,497           | 241,462         |
| Other.....  |                  |                |               |                |                  |                 |
| Total reserves.....   | 995,068          | 264,721        | 35,827        | 116,378        | 48,497           | 241,462         |
| <b>CAPITAL</b>  |                  |                |               |                |                  |                 |
| Debentures redeemed.....  | 208,854          | 39,909         | 4,500         | 31,636         | 7,596            | 21,627          |
| Local sinking fund.....   |                  |                |               |                |                  |                 |
| Accumulated net income invested in<br>plant or held as working funds. | 898,814          | 272,406        | 21,954        | 107,052        | 77,250           | 220,377         |
| Contributed capital.....  | 16,009           | 704            |               | 100,544        |                  |                 |
| Total capital.....  | 1,123,677        | 313,019        | 26,454        | 239,232        | 84,846           | 242,004         |
| <b>Total.....</b>   | <b>2,213,107</b> | <b>622,383</b> | <b>62,354</b> | <b>359,686</b> | <b>145,890</b>   | <b>486,205</b>  |
| <b>B. OPERATING STATEMENTS</b>  |                  |                |               |                |                  |                 |
| <b>REVENUE</b>  |                  |                |               |                |                  |                 |
| Sales of electric energy.....   | 545,197          | 167,544        | 20,636        | 101,846        | 39,003           | 136,899         |
| Other.....  | 33,119           | 8,633          | 218           | 3,117          | 519              | 1,598           |
| <b>Total revenue.....</b>   | <b>578,316</b>   | <b>176,177</b> | <b>20,854</b> | <b>104,963</b> | <b>39,522</b>    | <b>138,497</b>  |
| <b>EXPENSE</b>  |                  |                |               |                |                  |                 |
| Power purchased.....  | 404,478          | 101,557        | 15,772        | 63,799         | 21,116           | 94,829          |
| Local generation.....   |                  |                |               |                |                  |                 |
| Operation and maintenance.....  | 45,180           | 12,367         | 932           | 10,651         | 2,343            | 7,743           |
| Administration.....   | 102,161          | 22,933         | 911           | 14,478         | 3,821            | 13,391          |
| Fixed charges—interest and principal                                  | 9,171            | 4,843          |               |                | 1,348            |                 |
| —depreciation.....  | 35,312           | 13,251         | 1,151         | 6,954          | 2,750            | 6,798           |
| —other.....   |                  |                |               |                |                  |                 |
| <b>Total expense.....</b>   | <b>596,302</b>   | <b>154,951</b> | <b>18,766</b> | <b>95,882</b>  | <b>31,378</b>    | <b>122,761</b>  |
| <b>Net income or net expense.....</b>                                 | <b>17,986</b>    | <b>21,226</b>  | <b>2,088</b>  | <b>9,081</b>   | <b>8,144</b>     | <b>15,736</b>   |
| Number of customers.....  | 7,169            | 987            | 145           | 752            | 402              | 1,170           |

Statements for the Year Ended December 31, 1966

| Napanee                  | Nepean<br>Twp.             | Neustadt               | Newboro                | Newburgh               | Newbury                | Newcastle               | New<br>Hamburg          | Newmarket                |
|--------------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|
| 4,591                    | 45,793                     | 575                    | 271                    | 559                    | 352                    | 1,506                   | 2,430                   | 8,814                    |
| \$<br>518,423<br>180,963 | \$<br>4,940,174<br>796,715 | \$<br>39,497<br>18,756 | \$<br>44,754<br>10,642 | \$<br>89,220<br>29,249 | \$<br>36,204<br>10,585 | \$<br>186,849<br>60,433 | \$<br>264,033<br>57,873 | \$<br>997,123<br>261,877 |
| 337,460                  | 4,143,459                  | 20,741                 | 34,112                 | 59,971                 | 25,619                 | 126,416                 | 206,160                 | 732,246                  |
| 83,669                   | 15,607                     | 2,620                  | 1,569                  | 4,431                  | 2,547                  | 5,160                   | 14,213                  | 35,001                   |
| .....                    | 550,000                    | .....                  | .....                  | .....                  | .....                  | .....                   | .....                   | 63,355                   |
| 22,000                   | .....                      | 5,000                  | 2,000                  | .....                  | .....                  | 4,000                   | .....                   | .....                    |
| 6,751                    | 200,441                    | 1,194                  | 198                    | 1,002                  | 342                    | 3,959                   | 1,388                   | 45,418                   |
| 112,420                  | 766,048                    | 8,814                  | 3,767                  | 5,433                  | 2,889                  | 13,119                  | 15,601                  | 143,774                  |
| 7,905                    | 138,186                    | .....                  | .....                  | .....                  | 30                     | 4,730                   | 1,171                   | 2,834                    |
| 1,171                    | 82,326                     | .....                  | 1,779                  | .....                  | 69                     | 296                     | 1,579                   | 3,617                    |
| 9,076                    | 220,512                    | .....                  | 1,779                  | .....                  | 99                     | 5,026                   | 2,750                   | 6,451                    |
| 447,394                  | 667,302                    | 37,651                 | 7,339                  | 19,090                 | 22,749                 | 79,511                  | 237,851                 | 468,186                  |
| <b>906,350</b>           | <b>5,797,321</b>           | <b>67,206</b>          | <b>46,997</b>          | <b>84,494</b>          | <b>51,356</b>          | <b>224,072</b>          | <b>462,362</b>          | <b>1,350,657</b>         |
| .....                    | 4,125,000                  | .....                  | 3,232                  | .....                  | .....                  | 14,000                  | 4,000                   | 31,920                   |
| 28                       | 64,313                     | .....                  | 109                    | 2,676                  | 1                      | 5,603                   | 284                     | 7,504                    |
| 8,679                    | 162,148                    | 164                    | 54                     | 254                    | .....                  | 969                     | 854                     | 22,270                   |
| 8,707                    | 4,351,461                  | 164                    | 3,395                  | 2,930                  | 1                      | 20,572                  | 5,138                   | 61,694                   |
| 447,394                  | 667,302                    | 37,651                 | 7,339                  | 19,090                 | 22,749                 | 79,511                  | 237,851                 | 468,186                  |
| .....                    | .....                      | .....                  | .....                  | .....                  | .....                  | .....                   | .....                   | .....                    |
| 447,394                  | 667,302                    | 37,651                 | 7,339                  | 19,090                 | 22,749                 | 79,511                  | 237,851                 | 468,186                  |
| 70,000                   | 175,000                    | 15,504                 | 13,768                 | 14,000                 | 9,754                  | 22,801                  | 28,264                  | 62,944                   |
| .....                    | .....                      | .....                  | .....                  | .....                  | .....                  | .....                   | .....                   | .....                    |
| 380,249                  | 560,319                    | 13,887                 | 19,526                 | 42,630                 | 18,627                 | 101,188                 | 191,109                 | 757,833                  |
| .....                    | 43,239                     | .....                  | 2,969                  | 5,844                  | 225                    | .....                   | .....                   | .....                    |
| 450,249                  | 778,558                    | 29,391                 | 36,263                 | 62,474                 | 28,606                 | 123,989                 | 219,373                 | 820,777                  |
| <b>906,350</b>           | <b>5,797,321</b>           | <b>67,206</b>          | <b>46,997</b>          | <b>84,494</b>          | <b>51,356</b>          | <b>224,072</b>          | <b>462,362</b>          | <b>1,350,657</b>         |
| 224,704                  | 2,323,528                  | 21,413                 | 12,842                 | 23,558                 | 10,072                 | 75,203                  | 120,550                 | 515,488                  |
| 42,373                   | 108,268                    | 48                     | 254                    | 724                    | 111                    | 3,164                   | 1,988                   | 11,345                   |
| <b>267,077</b>           | <b>2,431,796</b>           | <b>21,461</b>          | <b>13,096</b>          | <b>24,282</b>          | <b>10,183</b>          | <b>78,367</b>           | <b>122,538</b>          | <b>526,833</b>           |
| 148,783                  | 1,439,166                  | 17,708                 | 5,972                  | 12,983                 | 5,810                  | 47,555                  | 78,831                  | 370,626                  |
| 16,248                   | 106,609                    | 872                    | 901                    | 1,309                  | 907                    | 4,330                   | 7,572                   | 23,802                   |
| 51,213                   | 200,278                    | 2,186                  | 1,588                  | 2,844                  | 1,112                  | 9,267                   | 12,038                  | 48,231                   |
| .....                    | 313,079                    | .....                  | 1,143                  | .....                  | .....                  | 1,950                   | 1,205                   | 6,445                    |
| 16,593                   | 140,602                    | 1,506                  | 1,373                  | 3,162                  | 1,141                  | 7,545                   | 7,926                   | 29,224                   |
| .....                    | .....                      | .....                  | .....                  | .....                  | .....                  | .....                   | .....                   | .....                    |
| <b>232,837</b>           | <b>2,199,734</b>           | <b>22,272</b>          | <b>10,977</b>          | <b>20,298</b>          | <b>8,970</b>           | <b>70,647</b>           | <b>107,572</b>          | <b>478,328</b>           |
| <b>34,240</b>            | <b>232,062</b>             | <b>811</b>             | <b>2,119</b>           | <b>3,984</b>           | <b>1,213</b>           | <b>7,720</b>            | <b>14,966</b>           | <b>48,505</b>            |
| 1,795                    | 12,904                     | 221                    | 166                    | 195                    | 145                    | 586                     | 825                     | 2,976                    |

## Municipal Electrical Utilities Financial

| Municipality.....  | New<br>Toronto<br>12,099 | Niagara<br>2,936 | Niagara<br>Falls<br>54,340 | Nipigon<br>Twp.<br>2,666 | North Bay<br>22,662 | North York<br>Twp.<br>390,456 |
|--|--------------------------|------------------|----------------------------|--------------------------|---------------------|-------------------------------|
| Population.....  |                          |                  |                            |                          |                     |                               |
| <b>A. BALANCE SHEETS</b>   |                          |                  |                            |                          |                     |                               |
| <b>FIXED ASSETS</b>  | <b>\$</b>                | <b>\$</b>        | <b>\$</b>                  | <b>\$</b>                | <b>\$</b>           | <b>\$</b>                     |
| Plant and facilities at cost.....                                      | 1,358,345                | 360,651          | 7,184,640                  | 246,968                  | 2,455,580           | 40,851,385                    |
| Accumulated depreciation.....  | 357,978                  | 99,962           | 1,702,369                  | 78,457                   | 764,760             | 7,953,647                     |
| Net fixed assets.....  | 1,000,367                | 260,689          | 5,482,271                  | 168,511                  | 1,690,820           | 32,897,738                    |
| <b>CURRENT ASSETS</b>  |                          |                  |                            |                          |                     |                               |
| Cash on hand and in bank.....  | 84,910                   | 20,857           | 18,383                     | 10,298                   | 69,542              | 813,843                       |
| Short-term investments.....  |                          |                  |                            |                          |                     | 1,400,000                     |
| Investment in government securities                                    | 105,000                  | 10,000           | 63,000                     | 8,500                    | 490,000             | 15,350                        |
| Accounts receivable (net).....   | 22,127                   | 2,836            | 230,134                    | 1,988                    | 38,359              | 1,105,660                     |
| Total current assets.....  | 212,037                  | 33,693           | 311,517                    | 20,786                   | 597,901             | 3,334,853                     |
| <b>OTHER ASSETS</b>  |                          |                  |                            |                          |                     |                               |
| Inventory of stores.....   | 35,341                   | 12,416           | 226,456                    | 613                      | 46,142              | 761,556                       |
| Sinking fund on local debentures.....                                  |                          |                  |                            |                          |                     | 2,247,869                     |
| Miscellaneous.....   |                          | 598              | 38,695                     |                          | 11,127              | 260,243                       |
| Total other assets.....  | 35,341                   | 13,014           | 265,151                    | 613                      | 57,269              | 3,269,668                     |
| Equity in Ontario Hydro Systems.....                                   | 3,261,181                | 233,606          | 4,354,345                  | 163,962                  | 397,826             | 10,806,742                    |
| <b>Total.....</b>  | <b>4,508,926</b>         | <b>541,002</b>   | <b>10,413,284</b>          | <b>353,872</b>           | <b>2,743,816</b>    | <b>50,309,001</b>             |
| <b>LIABILITIES</b>   |                          |                  |                            |                          |                     |                               |
| Debentures outstanding.....  |                          | 14,858           | 1,013,681                  |                          | 292,000             | 11,506,515                    |
| Accounts payable.....  |                          | 422              | 137,361                    | 253                      | 14,613              | 616,921                       |
| Other.....   | 24,102                   | 3,872            | 183,991                    | 2,586                    | 145,598             | 1,118,920                     |
| Total liabilities.....   | 24,102                   | 19,152           | 1,335,033                  | 2,839                    | 452,211             | 13,242,356                    |
| <b>RESERVES</b>  |                          |                  |                            |                          |                     |                               |
| Equity in Ontario Hydro Systems..                                      | 3,261,181                | 233,606          | 4,354,345                  | 163,962                  | 397,826             | 10,806,742                    |
| Other.....   |                          |                  |                            |                          | 1,369               |                               |
| Total reserves.....  | 3,261,181                | 233,606          | 4,354,345                  | 163,962                  | 399,195             | 10,806,742                    |
| <b>CAPITAL</b>   |                          |                  |                            |                          |                     |                               |
| Debentures redeemed.....   | 8,000                    | 65,650           | 1,616,150                  | 10,000                   | 440,158             | 4,032,220                     |
| Local sinking fund.....  |                          |                  |                            |                          |                     | 2,247,869                     |
| Accumulated net income invested in<br>plant or held as working funds.. | 1,215,643                | 218,594          | 2,968,492                  | 177,071                  | 1,452,252           | 19,136,875                    |
| Contributed capital.....   |                          | 4,000            | 139,264                    |                          |                     | 842,939                       |
| Total capital.....   | 1,223,643                | 288,244          | 4,723,906                  | 187,071                  | 1,892,410           | 26,259,903                    |
| <b>Total.....</b>  | <b>4,508,926</b>         | <b>541,002</b>   | <b>10,413,284</b>          | <b>353,872</b>           | <b>2,743,816</b>    | <b>50,309,001</b>             |
| <b>B. OPERATING STATEMENTS</b>   |                          |                  |                            |                          |                     |                               |
| <b>REVENUE</b>   |                          |                  |                            |                          |                     |                               |
| Sales of electric energy.....  | 1,583,029                | 135,806          | 2,638,469                  | 122,064                  | 1,147,043           | 19,519,330                    |
| Other.....   | 21,679                   | 4,973            | 23,200                     | 5,481                    | 54,658              | 713,101                       |
| <b>Total revenue.....</b>  | <b>1,604,708</b>         | <b>140,779</b>   | <b>2,661,669</b>           | <b>127,545</b>           | <b>1,201,701</b>    | <b>20,232,431</b>             |
| <b>EXPENSE</b>   |                          |                  |                            |                          |                     |                               |
| Power purchased.....   | 1,403,846                | 75,518           | 1,700,477                  | 83,767                   | 660,750             | 12,946,433                    |
| Local generation.....  |                          |                  |                            |                          |                     |                               |
| Operation and maintenance.....   | 53,869                   | 19,937           | 341,569                    | 12,656                   | 115,367             | 1,053,073                     |
| Administration.....  | 110,549                  | 14,848           | 294,666                    | 24,496                   | 145,100             | 1,379,183                     |
| Fixed charges—interest and principal                                   |                          | 2,568            | 113,846                    |                          | 39,795              | 1,231,284                     |
| —depreciation.....   | 34,512                   | 11,416           | 177,660                    | 7,938                    | 80,370              | 1,316,216                     |
| —other.....  |                          |                  |                            |                          |                     |                               |
| <b>Total expense.....</b>  | <b>1,602,776</b>         | <b>124,287</b>   | <b>2,628,218</b>           | <b>128,857</b>           | <b>1,041,382</b>    | <b>17,926,189</b>             |
| <b>Net income or net expense.....</b>                                  | <b>1,932</b>             | <b>16,492</b>    | <b>33,451</b>              | <b>1,312</b>             | <b>160,319</b>      | <b>2,306,242</b>              |
| Number of customers.....   | 4,177                    | 1,213            | 17,264                     | 790                      | 8,136               | 116,978                       |



## Statements for the Year Ended December 31, 1966

| Norwich        | Norwood        | Oakville         | Oil Springs    | Omamee         | Orangeville    | Orillia          | Orono          | Oshawa            |
|----------------|----------------|------------------|----------------|----------------|----------------|------------------|----------------|-------------------|
| 1,672          | 1,092          | 52,560           | 523            | 808            | 5,647          | 14,902           | 1,000          | 77,126            |
| \$             | \$             | \$               | \$             | \$             | \$             | \$               | \$             | \$                |
| 154,270        | 136,085        | 7,949,485        | 85,671         | 96,196         | 596,139        | 6,096,130        | 123,692        | 11,029,480        |
| 61,177         | 53,166         | 1,776,166        | 25,493         | 36,102         | 131,973        | 1,481,009        | 26,295         | 2,979,724         |
| 93,093         | 82,919         | 6,173,319        | 60,178         | 60,094         | 464,166        | 4,615,121        | 97,397         | 8,049,756         |
| 21,921         | 9,990          | .....            | 7,422          | 636            | 8,297          | 500              | 20             | 124,581           |
| .....          | .....          | 540,000          | .....          | .....          | .....          | .....            | .....          | 99,856            |
| 7,500          | 23,000         | .....            | 11,000         | 5,500          | .....          | 19,314           | 2,500          | 400,000           |
| 2,659          | 1,954          | 157,183          | 216            | 1,153          | 2,339          | 84,950           | 13,498         | 491,518           |
| 32,080         | 34,944         | 697,183          | 18,638         | 7,289          | 10,636         | 104,764          | 16,018         | 1,115,955         |
| 6,154          | .....          | 149,182          | 397            | 2,853          | 10,827         | 70,250           | 3,462          | 387,102           |
| .....          | .....          | 94,720           | .....          | 316            | 1,862          | .....            | 810            | 52,972            |
| 6,154          | .....          | 243,902          | 397            | 3,169          | 12,689         | 70,250           | 4,272          | 440,074           |
| 163,352        | 70,033         | 2,373,841        | 82,841         | 43,652         | 385,640        | 314,600          | 42,872         | 6,647,659         |
| <b>294,679</b> | <b>187,896</b> | <b>9,488,245</b> | <b>162,054</b> | <b>114,204</b> | <b>873,131</b> | <b>5,104,735</b> | <b>160,559</b> | <b>16,253,444</b> |
| .....          | .....          | 2,842,171        | .....          | .....          | 63,500         | 724,000          | 32,600         | 1,231,000         |
| 35             | 966            | 212,505          | 851            | 178            | 4,731          | 305,683          | 4,426          | 457,889           |
| 1,459          | 1,048          | 199,237          | 372            | 417            | 28,303         | 218,741          | 6,930          | 133,170           |
| 1,494          | 2,014          | 3,253,913        | 1,223          | 595            | 96,534         | 1,248,424        | 43,956         | 1,822,059         |
| 163,352        | 70,033         | 2,373,841        | 82,841         | 43,652         | 385,640        | 314,600          | 42,872         | 6,647,659         |
| .....          | .....          | .....            | .....          | .....          | .....          | 20,248           | .....          | .....             |
| 163,352        | 70,033         | 2,373,841        | 82,841         | 43,652         | 385,640        | 334,848          | 42,872         | 6,647,659         |
| 13,756         | 55,100         | 985,055          | 16,721         | 12,000         | 32,094         | 2,263,000        | 10,341         | 619,622           |
| .....          | .....          | .....            | .....          | .....          | .....          | .....            | .....          | .....             |
| 113,290        | 57,367         | 2,685,570        | 61,269         | 56,257         | 349,873        | 1,087,893        | 63,390         | 6,774,177         |
| 2,787          | 3,382          | 189,866          | .....          | 1,700          | 8,990          | 170,570          | .....          | 389,927           |
| 129,833        | 115,849        | 3,860,491        | 77,990         | 69,957         | 390,957        | 3,521,463        | 73,731         | 7,783,726         |
| <b>294,679</b> | <b>187,896</b> | <b>9,488,245</b> | <b>162,054</b> | <b>114,204</b> | <b>873,131</b> | <b>5,104,735</b> | <b>160,559</b> | <b>16,253,444</b> |
| 65,928         | 42,524         | 5,039,423        | 24,374         | 36,377         | 290,169        | 919,189          | 51,802         | 5,186,800         |
| 3,294          | 3,137          | 166,729          | 1,601          | 1,261          | 6,614          | 9,985            | 1,022          | 281,876           |
| <b>69,222</b>  | <b>45,661</b>  | <b>5,206,152</b> | <b>25,975</b>  | <b>37,638</b>  | <b>296,783</b> | <b>929,174</b>   | <b>52,824</b>  | <b>5,468,676</b>  |
| 36,374         | 28,775         | 4,075,284        | 14,164         | 20,393         | 185,882        | 334,829          | 32,220         | 4,076,605         |
| .....          | .....          | .....            | .....          | .....          | .....          | 153,601          | .....          | .....             |
| 8,635          | 2,733          | 233,351          | 859            | 5,919          | 15,536         | 82,808           | 2,711          | 312,104           |
| 9,551          | 3,895          | 244,314          | 4,632          | 3,766          | 34,480         | 111,950          | 8,376          | 387,869           |
| .....          | .....          | 323,990          | .....          | .....          | 6,739          | 135,586          | 3,681          | 101,436           |
| 5,649          | 5,601          | 266,154          | 2,628          | 3,543          | 18,026         | 133,721          | 3,156          | 415,452           |
| .....          | .....          | .....            | .....          | .....          | .....          | 10,000           | .....          | .....             |
| <b>60,209</b>  | <b>41,004</b>  | <b>5,143,093</b> | <b>22,283</b>  | <b>33,621</b>  | <b>260,663</b> | <b>962,495</b>   | <b>50,144</b>  | <b>5,293,466</b>  |
| <b>9,013</b>   | <b>4,657</b>   | <b>63,059</b>    | <b>3,692</b>   | <b>4,017</b>   | <b>36,120</b>  | <b>33,321</b>    | <b>2,680</b>   | <b>175,210</b>    |
| 683            | 425            | 14,979           | 249            | 311            | 2,121          | 5,579            | 393            | 24,845            |

## Municipal Electrical Utilities Financial

| Municipality.....   | Ottawa            | Otterville     | Owen Sound       | Paisley        | Palmerston     | Paris            |
|---|-------------------|----------------|------------------|----------------|----------------|------------------|
| Population.....   | 315,325           | 769            | 18,074           | 689            | 1,671          | 6,245            |
| <b>A. BALANCE SHEETS</b>  |                   |                |                  |                |                |                  |
| <b>FIXED ASSETS</b>   | \$                | \$             | \$               | \$             | \$             | \$               |
| Plant and facilities at cost.....                                   | 40,713,979        | 78,167         | 2,151,379        | 78,227         | 261,419        | 749,106          |
| Accumulated depreciation.....                                       | 8,817,635         | 27,383         | 627,328          | 19,898         | 72,046         | 233,238          |
| Net fixed assets.....   | 31,896,344        | 50,784         | 1,524,051        | 58,329         | 189,373        | 515,868          |
| <b>CURRENT ASSETS</b>   |                   |                |                  |                |                |                  |
| Cash on hand and in bank.....                                       | 373,298           | 6,139          | 69,462           | 5,090          | 16,104         | 58,309           |
| Short-term investments.....   | .....             | .....          | .....            | .....          | .....          | .....            |
| Investment in government securities.....                            | 355,000           | .....          | 70,000           | 21,000         | .....          | .....            |
| Accounts receivable (net).....                                      | 1,115,377         | 325            | 100,470          | 2,888          | 5,238          | 2,988            |
| Total current assets.....   | 1,843,675         | 6,464          | 239,932          | 28,978         | 21,342         | 61,297           |
| <b>OTHER ASSETS</b>   |                   |                |                  |                |                |                  |
| Inventory of stores.....  | 814,371           | .....          | 45,671           | 25             | 387            | 904              |
| Sinking fund on local debentures.....                               | .....             | .....          | .....            | .....          | .....          | .....            |
| Miscellaneous.....  | 1,909             | .....          | 6,469            | 4,673          | 176            | 1,611            |
| Total other assets.....   | 816,280           | .....          | 52,140           | 4,698          | 563            | 2,515            |
| Equity in Ontario Hydro Systems.....                                | 12,340,541        | 53,895         | 1,646,984        | 72,954         | 212,543        | 567,328          |
| <b>Total.....</b>   | <b>46,896,840</b> | <b>111,143</b> | <b>3,463,107</b> | <b>164,959</b> | <b>423,821</b> | <b>1,147,008</b> |
| <b>LIABILITIES</b>  |                   |                |                  |                |                |                  |
| Debentures outstanding.....   | 2,554,000         | .....          | .....            | .....          | 9,000          | 66,949           |
| Accounts payable.....   | 1,388,077         | 51             | 14,554           | 491            | 7,613          | 1,783            |
| Other.....  | .....             | 280            | 14,333           | 440            | 2,810          | 6,588            |
| Total liabilities.....  | 3,942,077         | 331            | 28,887           | 931            | 19,423         | 75,320           |
| <b>RESERVES</b>   |                   |                |                  |                |                |                  |
| Equity in Ontario Hydro Systems..                                   | 12,340,541        | 53,895         | 1,646,984        | 72,954         | 212,543        | 567,328          |
| Other.....  | 266,924           | .....          | .....            | .....          | .....          | .....            |
| Total reserves.....   | 12,607,465        | 53,895         | 1,646,984        | 72,954         | 212,543        | 567,328          |
| <b>CAPITAL</b>  |                   |                |                  |                |                |                  |
| Debentures redeemed.....  | 7,336,698         | 4,500          | 208,372          | 13,623         | 33,000         | 132,657          |
| Local sinking fund.....   | .....             | .....          | .....            | .....          | .....          | .....            |
| Accumulated net income invested in plant or held as working funds.. | 19,803,524        | 52,417         | 1,578,864        | 77,451         | 139,993        | 371,703          |
| Contributed capital.....  | 3,207,076         | .....          | .....            | .....          | 18,862         | .....            |
| Total capital.....  | 30,347,298        | 56,917         | 1,787,236        | 91,074         | 191,855        | 504,360          |
| <b>Total.....</b>   | <b>46,896,840</b> | <b>111,143</b> | <b>3,463,107</b> | <b>164,959</b> | <b>423,821</b> | <b>1,147,008</b> |
| <b>B. OPERATING STATEMENTS</b>                                      |                   |                |                  |                |                |                  |
| <b>REVENUE</b>  |                   |                |                  |                |                |                  |
| Sales of electric energy.....                                       | 15,549,227        | 27,955         | 835,534          | 34,166         | 87,823         | 302,608          |
| Other.....  | 435,135           | 440            | 46,218           | 1,096          | 243            | 3,812            |
| <b>Total revenue.....</b>   | <b>15,984,362</b> | <b>28,395</b>  | <b>881,752</b>   | <b>35,262</b>  | <b>88,066</b>  | <b>306,420</b>   |
| <b>EXPENSE</b>  |                   |                |                  |                |                |                  |
| Power purchased.....  | 10,141,223        | 16,529         | 564,119          | 19,387         | 50,279         | 198,411          |
| Local generation.....   | 271,348           | .....          | .....            | .....          | .....          | .....            |
| Operation and maintenance.....                                      | 1,359,455         | 1,974          | 70,178           | 2,067          | 8,270          | 27,918           |
| Administration.....   | 893,028           | 2,600          | 90,900           | 5,175          | 11,310         | 22,309           |
| Fixed charges—interest and principal                                | 561,315           | .....          | .....            | .....          | 1,612          | 9,043            |
| —depreciation.....  | 1,144,127         | 2,794          | 72,093           | 2,104          | 7,151          | 22,604           |
| —other.....   | 72,700            | .....          | .....            | .....          | .....          | .....            |
| <b>Total expense.....</b>   | <b>14,443,196</b> | <b>23,897</b>  | <b>797,290</b>   | <b>28,733</b>  | <b>78,622</b>  | <b>280,285</b>   |
| <b>Net income or net expense.....</b>                               | <b>1,541,166</b>  | <b>4,498</b>   | <b>84,462</b>    | <b>6,529</b>   | <b>9,444</b>   | <b>26,135</b>    |
| Number of customers.....  | 99,530            | 283            | 6,235            | 334            | 675            | 2,184            |

## Statements for the Year Ended December 31, 1966

| Parkhill<br>1,084 | Parry<br>Sound<br>5,868 | Penetang-<br>uishene<br>5,055 | Perth<br>5,521     | Peter-<br>borough<br>54,064 | Petrolia<br>3,667  | Pickering<br>1,908 | Pictou<br>4,835    | Planta-<br>genet<br>860 |
|-------------------|-------------------------|-------------------------------|--------------------|-----------------------------|--------------------|--------------------|--------------------|-------------------------|
| \$                | \$                      | \$                            | \$                 | \$                          | \$                 | \$                 | \$                 | \$                      |
| 169,578<br>44,172 | 1,136,563<br>326,303    | 386,947<br>144,026            | 638,702<br>220,650 | 8,877,250<br>2,883,220      | 512,222<br>169,747 | 163,842<br>46,141  | 629,396<br>199,200 | 89,335<br>24,322        |
| 125,406           | 810,260                 | 242,921                       | 418,052            | 5,994,030                   | 342,475            | 117,701            | 430,196            | 65,013                  |
| 16,390            | 11,090                  | .....                         | 54,985             | 132,403                     | 28,407             | 5,155              | 16,742             | 11,946                  |
| 6,000             | 16,500                  | 35,000                        | 10,000             | .....                       | 15,000             | 18,000             | 1,000              | .....                   |
| 4,452             | 6,699                   | 3,197                         | 8,024              | 246,593                     | 16,089             | 3,343              | 2,827              | 4,661                   |
| 26,842            | 34,289                  | 38,197                        | 73,009             | 378,996                     | 59,496             | 26,498             | 20,569             | 16,607                  |
| 2,360             | 11,696                  | 886                           | 16,837             | 74,944                      | 25,334             | 71                 | 21,553             | .....                   |
| 310               | 2,840                   | 953                           | .....              | 26,393                      | .....              | 2,534              | 2,256              | 2,986                   |
| 2,670             | 14,536                  | 1,839                         | 16,837             | 101,337                     | 25,334             | 2,605              | 23,809             | 2,986                   |
| 126,220           | 156,540                 | 346,298                       | 552,037            | 4,217,137                   | 416,681            | 32,832             | 494,651            | 20,547                  |
| <b>281,138</b>    | <b>1,015,625</b>        | <b>629,255</b>                | <b>1,059,935</b>   | <b>10,691,500</b>           | <b>843,986</b>     | <b>179,636</b>     | <b>969,225</b>     | <b>105,153</b>          |
| 3,600             | 44,000                  | .....                         | .....              | 1,623,800                   | .....              | 54,000             | 48,000             | 52,000                  |
| 1,342             | 482                     | 5,589                         | .....              | 222,201                     | 2,708              | 2,047              | 2,739              | 270                     |
| 1,136             | 8,536                   | 2,483                         | 95                 | 12,811                      | 6,520              | 1,526              | 12,832             | 3,678                   |
| 6,078             | 53,018                  | 8,072                         | 95                 | 1,858,812                   | 9,228              | 57,573             | 63,571             | 55,948                  |
| 126,220           | 156,540                 | 346,298                       | 552,037            | 4,217,137                   | 416,681            | 32,832             | 494,651            | 20,547                  |
| .....             | 2,309                   | .....                         | .....              | .....                       | .....              | .....              | .....              | .....                   |
| 126,220           | 158,849                 | 346,298                       | 552,037            | 4,217,137                   | 416,681            | 32,832             | 494,651            | 20,547                  |
| 26,231            | 424,500                 | 36,983                        | 85,045             | 1,294,811                   | 50,000             | 19,001             | 65,182             | 3,000                   |
| .....             | .....                   | .....                         | .....              | .....                       | .....              | .....              | .....              | .....                   |
| 122,609           | 379,258                 | 237,902                       | 404,859            | 3,240,880                   | 368,077            | 70,010             | 345,821            | 24,092                  |
| .....             | .....                   | .....                         | 17,899             | 79,860                      | .....              | 220                | .....              | 1,566                   |
| 148,840           | 803,758                 | 274,885                       | 507,803            | 4,615,551                   | 418,077            | 89,231             | 411,003            | 28,658                  |
| <b>281,138</b>    | <b>1,015,625</b>        | <b>629,255</b>                | <b>1,059,935</b>   | <b>10,691,500</b>           | <b>843,986</b>     | <b>179,636</b>     | <b>969,225</b>     | <b>105,153</b>          |
| 76,281            | 320,525                 | 166,732                       | 294,869            | 3,068,701                   | 205,703            | 74,882             | 255,779            | 50,207                  |
| 1,877             | 15,923                  | 4,121                         | 4,157              | 133,446                     | 2,389              | 4,092              | 2,117              | 2,700                   |
| <b>78,158</b>     | <b>336,448</b>          | <b>170,853</b>                | <b>299,026</b>     | <b>3,202,147</b>            | <b>208,092</b>     | <b>78,974</b>      | <b>257,896</b>     | <b>52,907</b>           |
| 42,352            | 144,876                 | 123,017                       | 196,764            | 2,036,135                   | 95,730             | 48,022             | 166,414            | 28,699                  |
| .....             | 39,149                  | .....                         | .....              | .....                       | .....              | .....              | .....              | .....                   |
| 8,263             | 37,700                  | 12,386                        | 16,735             | 295,981                     | 28,471             | 5,199              | 23,719             | 1,688                   |
| 9,612             | 31,267                  | 15,915                        | 26,089             | 292,815                     | 37,839             | 7,806              | 23,846             | 3,616                   |
| 1,038             | 6,040                   | .....                         | .....              | 193,054                     | .....              | 7,198              | 3,688              | 5,069                   |
| 5,294             | 31,941                  | 12,620                        | 18,599             | 293,000                     | 12,941             | 6,809              | 17,642             | 3,360                   |
| .....             | .....                   | .....                         | .....              | .....                       | .....              | .....              | .....              | .....                   |
| <b>66,559</b>     | <b>290,973</b>          | <b>163,938</b>                | <b>258,187</b>     | <b>3,110,985</b>            | <b>174,981</b>     | <b>75,034</b>      | <b>235,309</b>     | <b>42,432</b>           |
| <b>11,599</b>     | <b>45,475</b>           | <b>6,915</b>                  | <b>40,839</b>      | <b>91,162</b>               | <b>33,111</b>      | <b>3,940</b>       | <b>22,587</b>      | <b>10,475</b>           |
| 509               | 2,167                   | 1,447                         | 2,137              | 17,412                      | 1,427              | 565                | 1,942              | 243                     |



## Municipal Electrical Utilities Financial

| Municipality.....  | Plattsville    | Point Edward   | Port Arthur       | Port Burwell  | Port Colborne    | Port Credit      |
|--|----------------|----------------|-------------------|---------------|------------------|------------------|
| Population.....  | 524            | 2,833          | 46,391            | 669           | 17,831           | 7,892            |
| <b>A. BALANCE SHEETS</b>   |                |                |                   |               |                  |                  |
| <b>FIXED ASSETS</b>  | \$             | \$             | \$                | \$            | \$               | \$               |
| Plant and facilities at cost.....                                  | 60,532         | 344,684        | 7,338,019         | 100,991       | 1,748,836        | 1,057,083        |
| Accumulated depreciation.....                                      | 11,818         | 100,785        | 2,472,687         | 44,673        | 395,905          | 233,419          |
| Net fixed assets.....  | 48,714         | 243,899        | 4,865,332         | 56,318        | 1,352,931        | 823,664          |
| <b>CURRENT ASSETS</b>  |                |                |                   |               |                  |                  |
| Cash on hand and in bank.....                                      | 15,820         | 51,627         | 490,698           | 10,967        | 52,192           | 660              |
| Short-term investments.....  | 10,000         |                | 525,000           |               | 25,000           | 60,000           |
| Investment in government securities                                | 4,500          | 5,000          | 99,208            |               | 10,000           | 13,500           |
| Accounts receivable (net).....                                     | 334            | 4,738          | 322,873           | 682           | 8,102            | 11,941           |
| Total current assets.....  | 30,654         | 61,365         | 1,437,779         | 11,649        | 95,294           | 86,101           |
| <b>OTHER ASSETS</b>  |                |                |                   |               |                  |                  |
| Inventory of stores.....   | 71             | 218            | 175,563           | 110           | 25,474           | 15,319           |
| Sinking fund on local debentures...                                |                |                |                   |               |                  |                  |
| Miscellaneous.....   |                | 661            | 26,482            | 919           | 8,862            | 11,141           |
| Total other assets.....  | 71             | 879            | 202,045           | 1,029         | 34,336           | 26,460           |
| Equity in Ontario Hydro Systems...                                 | 73,049         | 537,039        | 11,784,387        | 30,092        | 932,191          | 788,416          |
| <b>Total.....</b>  | <b>152,488</b> | <b>843,182</b> | <b>18,289,543</b> | <b>99,088</b> | <b>2,414,752</b> | <b>1,724,641</b> |
| <b>LIABILITIES</b>   |                |                |                   |               |                  |                  |
| Debentures outstanding.....  |                |                | 265,000           | 21,800        | 225,776          | 26,700           |
| Accounts payable.....  | 298            | 12,004         | 288,648           | 161           | 2,629            | 11,170           |
| Other.....   |                | 2,962          |                   | 3,330         | 23,051           | 8,791            |
| Total liabilities.....   | 298            | 14,966         | 553,648           | 25,291        | 251,456          | 46,661           |
| <b>RESERVES</b>  |                |                |                   |               |                  |                  |
| Equity in Ontario Hydro Systems..                                  | 73,049         | 537,039        | 11,784,387        | 30,092        | 932,191          | 788,416          |
| Other.....   |                |                | 102,175           |               |                  |                  |
| Total reserves.....  | 73,049         | 537,039        | 11,886,562        | 30,092        | 932,191          | 788,416          |
| <b>CAPITAL</b>   |                |                |                   |               |                  |                  |
| Debentures redeemed.....   | 5,237          | 17,000         | 711,317           | 18,200        | 289,884          | 110,013          |
| Local sinking fund.....  |                |                |                   |               |                  |                  |
| Accumulated net income invested in plant or held as working funds. | 73,904         | 274,177        | 5,062,976         | 25,505        | 935,601          | 773,464          |
| Contributed capital.....   |                |                | 75,040            |               | 5,620            | 6,087            |
| Total capital.....   | 79,141         | 291,177        | 5,849,333         | 43,705        | 1,231,105        | 889,564          |
| <b>Total.....</b>  | <b>152,488</b> | <b>843,182</b> | <b>18,289,543</b> | <b>99,088</b> | <b>2,414,752</b> | <b>1,724,641</b> |
| <b>B. OPERATING STATEMENTS</b>                                     |                |                |                   |               |                  |                  |
| <b>REVENUE</b>   |                |                |                   |               |                  |                  |
| Sales of electric energy.....                                      | 47,536         | 328,416        | 2,819,524         | 33,079        | 910,923          | 874,516          |
| Other.....   | 1,147          | 4,016          | 109,449           | 108           | 10,424           | 17,891           |
| <b>Total revenue.....</b>  | <b>48,683</b>  | <b>332,432</b> | <b>2,928,973</b>  | <b>33,187</b> | <b>921,347</b>   | <b>892,407</b>   |
| <b>EXPENSE</b>   |                |                |                   |               |                  |                  |
| Power purchased.....   | 34,261         | 274,437        | 1,708,555         | 12,396        | 648,903          | 741,346          |
| Local generation.....  |                |                | 16,539            |               |                  |                  |
| Operation and maintenance.....                                     | 1,147          | 9,320          | 216,364           | 6,500         | 74,152           | 24,538           |
| Administration.....  | 1,142          | 25,108         | 229,612           | 4,343         | 95,579           | 54,495           |
| Fixed charges—interest and principal                               |                | 34             | 35,330            | 2,960         | 22,637           | 3,266            |
| —depreciation.....   | 1,799          | 10,217         | 225,104           | 3,256         | 47,807           | 33,510           |
| —other.....  |                |                |                   |               |                  |                  |
| <b>Total expense.....</b>  | <b>38,349</b>  | <b>319,116</b> | <b>2,431,504</b>  | <b>29,455</b> | <b>889,078</b>   | <b>857,155</b>   |
| <b>Net income or net expense.....</b>                              | <b>10,334</b>  | <b>13,316</b>  | <b>497,469</b>    | <b>3,732</b>  | <b>32,269</b>    | <b>35,252</b>    |
| Number of customers.....   | 212            | 898            | 14,624            | 458           | 5,528            | 2,756            |

## Statements for the Year Ended December 31, 1966

| Port Dover   | Port Elgin  | Port Hope   | Port<br>McNicol                                     | Port Perry   | Port<br>Rowan                                     | Port<br>Stanley                                       | Prescott  | Preston  |
|--|---|---|---|--|---|---|---|--|
| 3,213  | 2,050   | 8,612   | 1,212   | 2,623  | 791   | 1,419   | 5,390   | 13,446   |
| \$<br>402,819<br>129,556   | \$<br>337,296<br>66,834                               | \$<br>1,123,579<br>381,880                              | \$<br>130,897<br>27,958                             | \$<br>226,371<br>52,307                              | \$<br>94,746<br>22,149                            | \$<br>227,830<br>104,057                              | \$<br>472,832<br>165,293                                | \$<br>1,726,548<br>503,137                               |
| 273,263  | 270,462   | 741,699   | 102,939   | 174,064  | 72,597  | 123,773   | 307,539   | 1,223,411  |
| 32,240<br>20,000<br>.....<br>3,440                               | 3,546<br>.....<br>6,323                               | 76,552<br>.....<br>4,007                                | 102<br>.....<br>25,775<br>6,567                     | 541<br>.....<br>7,000<br>5,063                       | 8,465<br>.....<br>607                             | 19,413<br>.....<br>9,000<br>4,737                     | 16,284<br>.....<br>20,000<br>4,641                      | 64,233<br>45,000<br>.....<br>14,288                      |
| 55,680   | 9,869   | 80,559  | 32,444  | 12,604   | 9,072   | 33,150  | 40,925  | 123,521  |
| 180<br>.....<br>521  | 1,783<br>.....<br>9,270                               | 42,186<br>.....<br>1,040                                | 1,395<br>.....<br>6,924                             | 2,279<br>.....<br>2,600                              | 45<br>.....<br>110                                | 609<br>.....<br>.....                                 | 8,839<br>.....<br>.....                                 | 52,357<br>.....<br>5,935                                 |
| 701<br>239,578   | 11,053<br>172,892                                     | 43,226<br>848,628                                       | 8,319<br>102,919                                    | 4,879<br>161,512                                     | 155<br>49,496                                     | 609<br>211,654  | 8,839<br>413,376  | 58,292<br>1,309,160                                      |
| <b>569,222</b>   | <b>464,276</b>  | <b>1,714,112</b>  | <b>246,621</b>                                      | <b>353,059</b>                                       | <b>131,320</b>                                    | <b>369,186</b>  | <b>770,679</b>  | <b>2,714,384</b>   |
| 48,286<br>1,799<br>10,255  | .....<br>11,112<br>.....                              | 3,000<br>7,173<br>37,819                                | .....<br>5,751<br>782                               | .....<br>8,788<br>2,927                              | 6,450<br>4,907<br>896                             | .....<br>594<br>1,560                                 | .....<br>4,990<br>5,156                                 | 87,460<br>4,776<br>17,786                                |
| 60,340   | 11,112  | 47,992  | 6,533   | 11,715   | 12,253  | 2,154   | 10,146  | 110,022  |
| 239,578<br>.....   | 172,892<br>.....                                      | 848,628<br>.....  | 102,919<br>.....                                    | 161,512<br>.....                                     | 49,496<br>.....                                   | 211,654<br>.....                                      | 413,376<br>.....  | 1,309,160<br>.....                                       |
| 239,578  | 172,892   | 848,628   | 102,919   | 161,512  | 49,496  | 211,654   | 413,376   | 1,309,160  |
| 60,241<br>.....  | 37,787<br>.....                                       | 241,000<br>.....  | 9,804<br>.....                                      | 19,882<br>.....                                      | 11,550<br>.....                                   | 18,950<br>.....                                       | 23,981<br>.....   | 388,823<br>.....   |
| 209,063<br>.....   | 242,485<br>.....                                      | 576,492<br>.....  | 127,365<br>.....                                    | 158,678<br>1,272                                     | 58,021<br>.....                                   | 135,503<br>925  | 307,922<br>15,254                                       | 892,839<br>13,540  |
| 269,304  | 280,272   | 817,492   | 137,169   | 179,832  | 69,571  | 155,378   | 347,157   | 1,295,202  |
| <b>569,222</b>   | <b>464,276</b>  | <b>1,714,112</b>  | <b>246,621</b>                                      | <b>353,059</b>                                       | <b>131,320</b>                                    | <b>369,186</b>  | <b>770,679</b>  | <b>2,714,384</b>   |
| 182,807<br>4,165   | 152,873<br>3,022                                      | 508,754<br>15,595                                       | 63,059<br>3,452                                     | 116,271<br>2,805                                     | 27,293<br>600                                     | 88,724<br>1,229                                       | 231,614<br>10,562                                       | 721,463<br>10,777  |
| <b>186,972</b>   | <b>155,895</b>  | <b>524,349</b>  | <b>66,511</b>                                       | <b>119,076</b>                                       | <b>27,893</b>                                     | <b>89,953</b>   | <b>242,176</b>  | <b>732,240</b>   |
| 103,457<br>.....<br>18,225<br>14,017<br>6,561<br>13,467<br>..... | 82,849<br>.....<br>14,088<br>16,654<br>.....<br>9,438 | 339,319<br>.....<br>49,786<br>61,082<br>3,193<br>36,332 | 46,454<br>.....<br>6,437<br>7,360<br>.....<br>3,490 | 77,812<br>.....<br>8,449<br>10,373<br>.....<br>7,528 | 14,255<br>.....<br>3,213<br>2,083<br>945<br>2,615 | 42,699<br>.....<br>16,872<br>11,654<br>.....<br>7,485 | 161,413<br>.....<br>10,358<br>22,036<br>.....<br>17,890 | 474,331<br>.....<br>61,546<br>51,148<br>19,010<br>53,484 |
| <b>155,727</b>   | <b>123,029</b>  | <b>489,712</b>  | <b>63,741</b>                                       | <b>104,162</b>                                       | <b>23,111</b>                                     | <b>78,710</b>   | <b>211,697</b>  | <b>659,519</b>   |
| <b>31,245</b>  | <b>32,866</b>   | <b>34,637</b>   | <b>2,770</b>  | <b>14,914</b>  | <b>4,782</b>                                      | <b>11,243</b>   | <b>30,479</b>   | <b>72,721</b>  |
| 1,533  | 1,208   | 2,982   | 583   | 1,007  | 353   | 1,169   | 1,897   | 4,079  |

## Municipal Electrical Utilities Financial

| Municipality.....   | Priceville    | Princeton     | Queenston      | Rainy River    | Red Rock       | Renfrew          |
|---|---------------|---------------|----------------|----------------|----------------|------------------|
| Population .....  | 152           | 431           | 567            | 1,127          | 1,904          | 8,989            |
| <b>A. BALANCE SHEETS</b>  |               |               |                |                |                |                  |
| <b>FIXED ASSETS</b>   | \$            | \$            | \$             | \$             | \$             | \$               |
| Plant and facilities at cost.....                                     | 19,410        | 38,231        | 54,758         | 115,414        | 126,113        | 1,729,516        |
| Accumulated depreciation.....   | 7,698         | 11,659        | 14,760         | 63,923         | 44,531         | 476,113          |
| Net fixed assets.....   | 11,712        | 26,572        | 39,998         | 51,491         | 81,582         | 1,253,403        |
| <b>CURRENT ASSETS</b>   |               |               |                |                |                |                  |
| Cash on hand and in bank.....   | 6,476         | 11,653        | 5,801          | 10,018         | .....          | 47,499           |
| Short-term investments.....   | .....         | .....         | .....          | 40,000         | .....          | .....            |
| Investment in government securities                                   | 3,000         | 3,000         | 10,000         | .....          | 10,828         | .....            |
| Accounts receivable (net).....  | 139           | 3,208         | 1,184          | 1,686          | 798            | 4,487            |
| Total current assets.....   | 9,615         | 17,861        | 16,985         | 51,704         | 11,626         | 51,986           |
| <b>OTHER ASSETS</b>   |               |               |                |                |                |                  |
| Inventory of stores.....  | .....         | .....         | .....          | 1,438          | 1,738          | 16,785           |
| Sinking fund on local debentures...                                   | .....         | .....         | .....          | .....          | .....          | .....            |
| Miscellaneous.....  | .....         | .....         | .....          | 334            | 5,564          | .....            |
| Total other assets.....   | .....         | .....         | .....          | 1,772          | 7,302          | 16,785           |
| Equity in Ontario Hydro Systems....                                   | 6,896         | 51,269        | 44,846         | 13,338         | 67,184         | 285,138          |
| <b>Total.....</b>   | <b>28,223</b> | <b>95,702</b> | <b>101,829</b> | <b>118,305</b> | <b>167,694</b> | <b>1,607,312</b> |
| <b>LIABILITIES</b>  |               |               |                |                |                |                  |
| Debentures outstanding.....   | 1,300         | 250           | .....          | .....          | 1,950          | 100,323          |
| Accounts payable.....   | 556           | 693           | 1,199          | 255            | 1,080          | 1,014            |
| Other.....  | .....         | 423           | 255            | 410            | 300            | 11,005           |
| Total liabilities.....  | 1,856         | 1,366         | 1,454          | 665            | 3,330          | 112,342          |
| <b>RESERVES</b>   |               |               |                |                |                |                  |
| Equity in Ontario Hydro Systems..                                     | 6,896         | 51,269        | 44,846         | 13,338         | 67,184         | 285,138          |
| Other.....  | .....         | .....         | .....          | .....          | .....          | .....            |
| Total reserves.....   | 6,896         | 51,269        | 44,846         | 13,338         | 67,184         | 285,138          |
| <b>CAPITAL</b>  |               |               |                |                |                |                  |
| Debentures redeemed.....  | 10,866        | 5,745         | 9,500          | 26,087         | 29,250         | 670,914          |
| Local sinking fund.....   | .....         | .....         | .....          | .....          | .....          | .....            |
| Accumulated net income invested in<br>plant or held as working funds. | 8,605         | 37,287        | 45,795         | 78,215         | 67,930         | 538,918          |
| Contributed capital.....  | .....         | 35            | 234            | .....          | .....          | .....            |
| Total capital.....  | 19,471        | 43,067        | 55,529         | 104,302        | 97,180         | 1,209,832        |
| <b>Total.....</b>   | <b>28,223</b> | <b>95,702</b> | <b>101,829</b> | <b>118,305</b> | <b>167,694</b> | <b>1,607,312</b> |
| <b>B. OPERATING STATEMENTS</b>  |               |               |                |                |                |                  |
| <b>REVENUE</b>  |               |               |                |                |                |                  |
| Sales of electric energy.....   | 5,290         | 21,576        | 21,842         | 55,410         | 44,548         | 397,256          |
| Other.....  | 271           | 346           | 1,093          | 2,837          | 1,773          | 2,418            |
| <b>Total revenue.....</b>   | <b>5,561</b>  | <b>21,922</b> | <b>22,935</b>  | <b>58,247</b>  | <b>46,321</b>  | <b>399,674</b>   |
| <b>EXPENSE</b>  |               |               |                |                |                |                  |
| Power purchased.....  | 2,183         | 13,301        | 16,661         | 27,380         | 35,451         | 217,369          |
| Local generation.....   | .....         | .....         | .....          | .....          | .....          | 33,441           |
| Operation and maintenance.....  | 135           | 686           | 1,290          | 6,719          | 3,759          | 27,154           |
| Administration.....   | 728           | 1,578         | 1,393          | 12,987         | 4,621          | 35,023           |
| Fixed charges—interest and principal                                  | 437           | 280           | .....          | .....          | 2,086          | 19,802           |
| —depreciation.....  | 720           | 1,234         | 1,916          | 3,998          | 3,977          | 40,321           |
| —other.....   | .....         | .....         | .....          | .....          | .....          | .....            |
| <b>Total expense.....</b>   | <b>4,203</b>  | <b>17,079</b> | <b>21,260</b>  | <b>51,084</b>  | <b>49,894</b>  | <b>373,110</b>   |
| <b>Net income or net expense.....</b>                                 | <b>1,358</b>  | <b>4,843</b>  | <b>1,675</b>   | <b>7,163</b>   | <b>3,573</b>   | <b>26,564</b>    |
| Number of customers.....  | 76            | 179           | 184            | 425            | 367            | 2,951            |



## Statements for the Year Ended December 31, 1966

| Richmond                | Richmond Hill              | Ridgetown               | Ripley                 | Rockland                | Rockwood               | Rodney                 | Rosseau               | Russell                |
|-------------------------|----------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|
| 1,309                   | 19,175                     | 2,721                   | 412                    | 3,424                   | 862                    | 1,084                  | 219                   | 583                    |
| \$<br>129,371<br>23,222 | \$<br>1,845,381<br>443,291 | \$<br>303,186<br>67,500 | \$<br>59,899<br>12,605 | \$<br>207,466<br>39,820 | \$<br>76,321<br>14,744 | \$<br>88,383<br>32,240 | \$<br>30,974<br>8,903 | \$<br>63,031<br>15,328 |
| 106,149                 | 1,402,090                  | 235,686                 | 47,294                 | 167,646                 | 61,577                 | 56,143                 | 22,071                | 47,703                 |
| 4,148                   | 44,190                     | 9,248                   | 11,913                 | 5,657                   | 1,518                  | 12,428                 | 6,962                 | 11,347                 |
| 15,000                  | 125,000                    | .....                   | .....                  | .....                   | .....                  | .....                  | .....                 | .....                  |
| .....                   | .....                      | .....                   | 8,000                  | .....                   | .....                  | .....                  | 2,500                 | .....                  |
| 3,534                   | 43,816                     | 3,197                   | 149                    | 4,747                   | 2,189                  | 581                    | 673                   | 503                    |
| 22,682                  | 213,006                    | 12,445                  | 20,062                 | 10,404                  | 3,707                  | 13,009                 | 10,135                | 11,850                 |
| .....                   | 24,732                     | 1,139                   | .....                  | 75                      | .....                  | 90                     | .....                 | .....                  |
| .....                   | .....                      | .....                   | .....                  | 1,911                   | .....                  | .....                  | .....                 | 210                    |
| .....                   | 38,826                     | 2,877                   | .....                  | 1,986                   | .....                  | 90                     | .....                 | 210                    |
| 49,044                  | 584,263                    | 227,423                 | 53,056                 | 61,429                  | 61,771                 | 81,098                 | 22,602                | 40,295                 |
| <b>177,875</b>          | <b>2,238,185</b>           | <b>478,431</b>          | <b>120,412</b>         | <b>241,465</b>          | <b>127,055</b>         | <b>150,340</b>         | <b>54,808</b>         | <b>100,058</b>         |
| 17,100                  | 460,875                    | 26,962                  | .....                  | 31,000                  | 4,377                  | .....                  | .....                 | .....                  |
| 39                      | 15,229                     | 2,570                   | 25                     | 15,118                  | 666                    | 231                    | 62                    | 2,019                  |
| 644                     | 45,377                     | 7,454                   | 410                    | 6,092                   | 669                    | 740                    | 3                     | 70                     |
| 17,783                  | 521,481                    | 36,986                  | 435                    | 52,210                  | 5,712                  | 971                    | 65                    | 2,089                  |
| 49,044                  | 584,263                    | 227,423                 | 53,056                 | 61,429                  | 61,771                 | 81,098                 | 22,602                | 40,295                 |
| 214                     | .....                      | .....                   | .....                  | .....                   | .....                  | .....                  | .....                 | .....                  |
| 49,258                  | 584,263                    | 227,423                 | 53,056                 | 61,429                  | 61,771                 | 81,098                 | 22,602                | 40,295                 |
| 17,787                  | 255,085                    | 52,862                  | 12,744                 | 14,000                  | 7,952                  | 8,500                  | 11,933                | 8,808                  |
| .....                   | .....                      | .....                   | .....                  | .....                   | .....                  | .....                  | .....                 | .....                  |
| 90,747                  | 869,354                    | 161,160                 | 54,177                 | 113,826                 | 51,268                 | 59,771                 | 20,208                | 48,866                 |
| 2,300                   | 8,002                      | .....                   | .....                  | .....                   | 352                    | .....                  | .....                 | .....                  |
| 110,834                 | 1,132,441                  | 214,022                 | 66,921                 | 127,826                 | 59,572                 | 68,271                 | 32,141                | 57,674                 |
| <b>177,875</b>          | <b>2,238,185</b>           | <b>478,431</b>          | <b>120,412</b>         | <b>241,465</b>          | <b>127,055</b>         | <b>150,340</b>         | <b>54,808</b>         | <b>100,058</b>         |
| 55,564                  | 841,716                    | 147,093                 | 25,832                 | 93,876                  | 31,995                 | 49,650                 | 10,717                | 22,439                 |
| 1,349                   | 45,652                     | 1,349                   | 308                    | 650                     | 539                    | 828                    | 306                   | 187                    |
| <b>56,913</b>           | <b>887,368</b>             | <b>148,442</b>          | <b>26,140</b>          | <b>94,526</b>           | <b>32,534</b>          | <b>50,478</b>          | <b>11,023</b>         | <b>22,626</b>          |
| 41,903                  | 577,164                    | 82,925                  | 14,830                 | 64,079                  | 20,284                 | 25,567                 | 5,113                 | 16,703                 |
| .....                   | .....                      | .....                   | .....                  | .....                   | .....                  | .....                  | .....                 | .....                  |
| 2,711                   | 38,407                     | 13,689                  | 711                    | 6,494                   | 3,548                  | 4,985                  | 977                   | 886                    |
| 2,180                   | 65,966                     | 19,130                  | 2,101                  | 7,586                   | 4,570                  | 6,154                  | 947                   | 2,225                  |
| 1,980                   | 61,180                     | 5,363                   | .....                  | 3,975                   | 588                    | .....                  | .....                 | .....                  |
| 3,477                   | 68,366                     | 8,155                   | 1,712                  | 5,594                   | 2,196                  | 3,160                  | 973                   | 1,826                  |
| .....                   | .....                      | .....                   | .....                  | .....                   | .....                  | .....                  | .....                 | .....                  |
| <b>52,251</b>           | <b>811,083</b>             | <b>129,262</b>          | <b>19,354</b>          | <b>87,728</b>           | <b>31,186</b>          | <b>39,866</b>          | <b>8,010</b>          | <b>21,640</b>          |
| <b>4,662</b>            | <b>76,285</b>              | <b>19,180</b>           | <b>6,786</b>           | <b>6,798</b>            | <b>1,348</b>           | <b>10,612</b>          | <b>3,013</b>          | <b>986</b>             |
| 402                     | 5,411                      | 1,126                   | 219                    | 891                     | 315                    | 448                    | 128                   | 214                    |

## Municipal Electrical Utilities Financial

| Municipality.....   | St.<br>Catharines<br>95,303 | St. Clair<br>Beach<br>1,734 | St. George<br>858 | St. Jacobs<br>859 | St. Mary's<br>4,686 | St. Thomas<br>22,766 |
|---|-----------------------------|-----------------------------|-------------------|-------------------|---------------------|----------------------|
| Population.....   |                             |                             |                   |                   |                     |                      |
| <b>A. BALANCE SHEETS</b>  |                             |                             |                   |                   |                     |                      |
| <b>FIXED ASSETS</b>   | \$                          | \$                          | \$                | \$                | \$                  | \$                   |
| Plant and facilities at cost.....   | 12,306,089                  | 134,023                     | 70,078            | 83,275            | 750,827             | 2,886,077            |
| Accumulated depreciation.....   | 2,316,238                   | 11,933                      | 16,708            | 15,861            | 198,498             | 854,039              |
| Net fixed assets.....   | 9,989,851                   | 92,040                      | 53,370            | 67,414            | 552,329             | 2,032,038            |
| <b>CURRENT ASSETS</b>   |                             |                             |                   |                   |                     |                      |
| Cash on hand and in bank.....   | 260,935                     | 9,667                       | 5,067             | 11,902            | 24,635              | 300                  |
| Short-term investments.....   |                             | 25,000                      |                   |                   | 25,000              | 50,000               |
| Investment in government securities.....                                  |                             |                             | 6,000             | 2,000             | 42,500              | 35,000               |
| Accounts receivable (net).....  | 2,084,887                   | 460                         | 177               | 96                | 4,524               | 101,008              |
| Total current assets.....   | 2,345,822                   | 35,127                      | 11,247            | 13,998            | 96,659              | 186,308              |
| <b>OTHER ASSETS</b>   |                             |                             |                   |                   |                     |                      |
| Inventory of stores.....  | 278,013                     |                             | 80                |                   | 15,865              | 79,032               |
| Sinking fund on local debentures.....                                     |                             |                             |                   |                   |                     |                      |
| Miscellaneous.....  | 62,194                      |                             |                   |                   |                     | 3,886                |
| Total other assets.....   | 340,207                     |                             | 80                |                   | 15,865              | 82,918               |
| Equity in Ontario Hydro Systems.....                                      | 8,698,551                   | 60,642                      | 74,991            | 96,312            | 883,271             | 2,448,154            |
| <b>Total.....</b>   | <b>21,374,431</b>           | <b>187,809</b>              | <b>139,685</b>    | <b>177,724</b>    | <b>1,548,124</b>    | <b>4,749,418</b>     |
| <b>LIABILITIES</b>  |                             |                             |                   |                   |                     |                      |
| Debentures outstanding.....   | 1,512,000                   |                             |                   |                   | 17,605              | 168,000              |
| Accounts payable.....   | 2,248,798                   | 3,329                       | 764               | 138               | 1,086               | 17,073               |
| Other.....  | 125,421                     | 360                         | 291               |                   | 7,189               | 68,733               |
| Total liabilities.....  | 3,886,219                   | 3,689                       | 1,055             | 138               | 25,880              | 253,806              |
| <b>RESERVES</b>   |                             |                             |                   |                   |                     |                      |
| Equity in Ontario Hydro Systems.....                                      | 8,698,551                   | 60,642                      | 74,991            | 96,312            | 883,271             | 2,448,154            |
| Other.....  |                             |                             |                   |                   |                     |                      |
| Total reserves.....   | 8,698,551                   | 60,642                      | 74,991            | 96,312            | 883,271             | 2,448,154            |
| <b>CAPITAL</b>  |                             |                             |                   |                   |                     |                      |
| Debentures redeemed.....  | 391,709                     | 17,694                      | 6,000             | 6,000             | 172,602             | 170,680              |
| Local sinking fund.....   |                             |                             |                   |                   |                     |                      |
| Accumulated net income invested in<br>plant or held as working funds..... | 8,089,983                   | 95,916                      | 57,441            | 75,274            | 464,464             | 1,876,778            |
| Contributed capital.....  | 307,969                     | 9,868                       | 198               |                   | 1,907               |                      |
| Total capital.....  | 8,789,661                   | 123,478                     | 63,639            | 81,274            | 638,973             | 2,047,458            |
| <b>Total.....</b>   | <b>21,374,431</b>           | <b>187,809</b>              | <b>139,685</b>    | <b>177,724</b>    | <b>1,548,124</b>    | <b>4,749,418</b>     |
| <b>B. OPERATING STATEMENTS</b>  |                             |                             |                   |                   |                     |                      |
| <b>REVENUE</b>  |                             |                             |                   |                   |                     |                      |
| Sales of electric energy.....   | 6,358,719                   | 59,432                      | 36,008            | 44,182            | 730,429             | 1,333,405            |
| Other.....  | 84,463                      | 1,257                       | 795               | 378               | 5,608               | 14,137               |
| <b>Total revenue.....</b>   | <b>6,443,182</b>            | <b>60,689</b>               | <b>36,803</b>     | <b>44,560</b>     | <b>736,037</b>      | <b>1,347,542</b>     |
| <b>EXPENSE</b>  |                             |                             |                   |                   |                     |                      |
| Power purchased.....  | 4,967,485                   | 35,542                      | 26,633            | 27,150            | 651,954             | 853,164              |
| Local generation.....   |                             |                             |                   |                   |                     |                      |
| Operation and maintenance.....  | 357,178                     | 6,012                       | 4,092             | 1,821             | 25,087              | 223,755              |
| Administration.....   | 371,594                     | 5,879                       | 2,613             | 2,446             | 28,629              | 106,744              |
| Fixed charges—interest and principal.....                                 | 70,893                      | 9                           |                   |                   | 5,276               | 16,713               |
| —depreciation.....  | 321,353                     | 4,235                       | 2,143             | 2,286             | 19,298              | 76,021               |
| —other.....   |                             |                             |                   |                   |                     |                      |
| <b>Total expense.....</b>   | <b>6,088,503</b>            | <b>51,677</b>               | <b>35,481</b>     | <b>33,703</b>     | <b>730,244</b>      | <b>1,276,397</b>     |
| <b>Net income or net expense.....</b>                                     | <b>354,679</b>              | <b>9,012</b>                | <b>1,322</b>      | <b>10,857</b>     | <b>5,793</b>        | <b>71,145</b>        |
| Number of customers.....  | 29,291                      | 499                         | 311               | 284               | 1,758               | 8,388                |

## Statements for the Year Ended December 31, 1966

| Sandwich<br>West Twp.<br>8,213 | Sarnia<br>53,260             | Scarborough<br>Twp.<br>265,567 | Schreiber<br>Twp.<br>2,225 | Seaforth<br>2,192       | Shelburne<br>1,328      | Simcoe<br>9,941            | Sioux<br>Lookout<br>2,666 | Smith's<br>Falls<br>9,892  |
|--------------------------------|------------------------------|--------------------------------|----------------------------|-------------------------|-------------------------|----------------------------|---------------------------|----------------------------|
| \$<br>684,625<br>217,598       | \$<br>7,547,659<br>2,025,918 | \$<br>29,870,767<br>6,731,306  | \$<br>191,656<br>54,663    | \$<br>342,554<br>78,282 | \$<br>165,332<br>55,320 | \$<br>1,067,650<br>334,903 | \$<br>299,337<br>79,894   | \$<br>1,140,846<br>350,209 |
| 467,027                        | 5,521,741                    | 23,139,461                     | 136,993                    | 264,272                 | 110,012                 | 732,747                    | 219,443                   | 790,637                    |
| 71,853                         | 104,038                      | 380,583                        | 17,416                     | 25,103                  | 19,115                  | 32,591                     | 25,614                    | 104,510                    |
| .....                          | 550,000                      | 966,000                        | .....                      | .....                   | .....                   | 23,402                     | 20,000                    | .....                      |
| .....                          | 99,500                       | 125,000                        | 20,000                     | 9,000                   | 14,000                  | .....                      | 5,000                     | 20,000                     |
| 94,931                         | 264,097                      | 992,629                        | 4,294                      | 1,442                   | 3,308                   | 6,581                      | 11,492                    | 11,242                     |
| 166,784                        | 1,017,635                    | 2,464,212                      | 41,710                     | 35,545                  | 36,423                  | 62,574                     | 62,106                    | 135,752                    |
| 13,444                         | 224,821                      | 419,892                        | 1,101                      | 441                     | 543                     | 981                        | 7,934                     | 29,453                     |
| .....                          | .....                        | 2,137,414                      | .....                      | .....                   | .....                   | .....                      | .....                     | .....                      |
| 11,201                         | 51,304                       | 171,543                        | .....                      | .....                   | 844                     | 46,708                     | .....                     | 4,984                      |
| 24,645                         | 276,125                      | 2,728,849                      | 1,101                      | 441                     | 1,387                   | 47,689                     | 7,934                     | 34,437                     |
| 165,395                        | 7,963,538                    | 8,384,825                      | 92,554                     | 263,994                 | 129,883                 | 898,082                    | 41,627                    | 873,240                    |
| <b>823,851</b>                 | <b>14,779,039</b>            | <b>36,717,347</b>              | <b>272,358</b>             | <b>564,252</b>          | <b>277,705</b>          | <b>1,741,092</b>           | <b>331,110</b>            | <b>1,834,066</b>           |
| 138,324                        | 656,400                      | 8,502,251                      | .....                      | 13,000                  | .....                   | .....                      | .....                     | .....                      |
| 160,706                        | 236,530                      | 1,471,080                      | 82                         | 3,759                   | 1,121                   | 1,455                      | 978                       | .....                      |
| 27,338                         | 120,811                      | 795,724                        | .....                      | 5,027                   | 196                     | 14,766                     | 4,363                     | .....                      |
| 326,368                        | 1,013,741                    | 10,769,055                     | 82                         | 21,786                  | 1,317                   | 16,221                     | 5,341                     | .....                      |
| 165,395                        | 7,963,538                    | 8,384,825                      | 92,554                     | 263,994                 | 129,883                 | 898,082                    | 41,627                    | 873,240                    |
| .....                          | .....                        | .....                          | .....                      | .....                   | .....                   | .....                      | .....                     | .....                      |
| 165,395                        | 7,963,538                    | 8,384,825                      | 92,554                     | 263,994                 | 129,883                 | 898,082                    | 41,627                    | 873,240                    |
| 106,068                        | 859,991                      | 3,384,946                      | 50,000                     | 61,440                  | 16,991                  | 75,435                     | .....                     | 147,662                    |
| .....                          | .....                        | 2,137,414                      | .....                      | .....                   | .....                   | .....                      | .....                     | .....                      |
| 226,020                        | 4,862,690                    | 11,069,774                     | 129,722                    | 216,532                 | 127,817                 | 750,761                    | 284,142                   | 813,164                    |
| .....                          | 79,079                       | 971,333                        | .....                      | 500                     | 1,697                   | 593                        | .....                     | .....                      |
| 332,088                        | 5,801,760                    | 17,563,467                     | 179,722                    | 278,472                 | 146,505                 | 826,789                    | 284,142                   | 960,826                    |
| <b>823,851</b>                 | <b>14,779,039</b>            | <b>36,717,347</b>              | <b>272,358</b>             | <b>564,252</b>          | <b>277,705</b>          | <b>1,741,092</b>           | <b>331,110</b>            | <b>1,834,066</b>           |
| 246,119                        | 2,919,745                    | 12,623,010                     | 89,407                     | 119,337                 | 69,761                  | 582,951                    | 157,608                   | 541,466                    |
| 9,240                          | 111,243                      | 595,349                        | 1,243                      | 2,517                   | 1,839                   | 13,280                     | 1,221                     | 4,643                      |
| <b>255,359</b>                 | <b>3,030,988</b>             | <b>13,218,359</b>              | <b>90,650</b>              | <b>121,854</b>          | <b>71,600</b>           | <b>596,231</b>             | <b>158,829</b>            | <b>546,109</b>             |
| 150,471                        | 1,573,924                    | 8,593,367                      | 62,522                     | 75,589                  | 42,328                  | 447,956                    | 83,911                    | 367,315                    |
| .....                          | .....                        | .....                          | .....                      | .....                   | .....                   | .....                      | .....                     | .....                      |
| 36,509                         | 445,467                      | 690,878                        | 5,052                      | 13,431                  | 5,316                   | 46,462                     | 20,038                    | 42,461                     |
| 38,996                         | 312,817                      | 921,429                        | 12,472                     | 15,054                  | 7,203                   | 31,008                     | 23,121                    | 40,196                     |
| 19,601                         | 94,877                       | 956,741                        | .....                      | 2,924                   | .....                   | .....                      | .....                     | .....                      |
| 22,366                         | 197,287                      | 991,440                        | 5,494                      | 9,826                   | 5,826                   | 33,371                     | 7,832                     | 31,371                     |
| .....                          | .....                        | .....                          | .....                      | .....                   | .....                   | .....                      | .....                     | .....                      |
| <b>267,943</b>                 | <b>2,624,372</b>             | <b>12,153,855</b>              | <b>85,540</b>              | <b>116,824</b>          | <b>60,673</b>           | <b>558,797</b>             | <b>134,902</b>            | <b>481,343</b>             |
| <b>12,584</b>                  | <b>406,616</b>               | <b>1,064,504</b>               | <b>5,110</b>               | <b>5,030</b>            | <b>10,927</b>           | <b>37,434</b>              | <b>23,927</b>             | <b>64,766</b>              |
| 2,199                          | 16,234                       | 78,582                         | 680                        | 921                     | 618                     | 3,764                      | 939                       | 3,555                      |



## Municipal Electrical Utilities Financial

| Municipality .....   | Smithville     | Southamp-<br>ton | South<br>River | Springfield   | Stayner        | Stirling       |
|--|----------------|------------------|----------------|---------------|----------------|----------------|
| Population .....   | 900            | 1,703            | 958            | 490           | 1,672          | 1,287          |
| <b>A. BALANCE SHEETS</b>   |                |                  |                |               |                |                |
| <b>FIXED ASSETS</b>  |                |                  |                |               |                |                |
| Plant and facilities at cost .....   | \$ 107,810     | \$ 291,692       | \$ 161,356     | \$ 51,206     | \$ 184,912     | \$ 168,437     |
| Accumulated depreciation .....   | 24,245         | 72,810           | 49,722         | 19,617        | 39,221         | 50,064         |
| Net fixed assets .....   | 83,565         | 218,882          | 111,634        | 31,589        | 145,691        | 118,373        |
| <b>CURRENT ASSETS</b>  |                |                  |                |               |                |                |
| Cash on hand and in bank .....   | 7,272          | 28,527           | 9,669          | 7,187         | 14,388         | 13,240         |
| Short-term investments .....   |                |                  |                |               |                |                |
| Investment in government securities .....                                  | 3,000          | 10,025           |                | 500           |                |                |
| Accounts receivable (net) .....  | 633            | 1,707            | 341            | 306           | 1,091          | 653            |
| Total current assets .....   | 10,905         | 40,259           | 10,010         | 7,993         | 15,479         | 13,893         |
| <b>OTHER ASSETS</b>  |                |                  |                |               |                |                |
| Inventory of stores .....  |                | 6,497            |                |               | 263            | 1,188          |
| Sinking fund on local debentures .....                                     |                |                  |                |               |                |                |
| Miscellaneous .....  | 254            |                  | 11,901         |               |                | 256            |
| Total other assets .....   | 254            | 6,497            | 11,901         |               | 263            | 1,444          |
| Equity in Ontario Hydro Systems .....                                      | 60,176         | 161,327          | 9,018          | 42,346        | 121,968        | 99,974         |
| <b>Total .....</b>   | <b>154,900</b> | <b>426,965</b>   | <b>142,563</b> | <b>81,928</b> | <b>283,401</b> | <b>233,684</b> |
| <b>LIABILITIES</b>   |                |                  |                |               |                |                |
| Debentures outstanding .....   |                |                  | 76,000         |               |                | 3,329          |
| Accounts payable .....   | 3,918          |                  | 9,160          | 11            | 1,243          | 272            |
| Other .....  | 471            | 606              | 11,109         | 350           | 1,139          | 1,850          |
| Total liabilities .....  | 4,389          | 606              | 96,269         | 361           | 2,382          | 5,451          |
| <b>RESERVES</b>  |                |                  |                |               |                |                |
| Equity in Ontario Hydro Systems .....                                      | 60,176         | 161,327          | 9,018          | 42,346        | 121,968        | 99,974         |
| Other .....  |                |                  |                |               |                |                |
| Total reserves .....   | 60,176         | 161,327          | 9,018          | 42,346        | 121,968        | 99,974         |
| <b>CAPITAL</b>   |                |                  |                |               |                |                |
| Debentures redeemed .....  | 15,000         | 42,523           | 14,000         | 9,500         | 9,557          | 19,671         |
| Local sinking fund .....   |                |                  |                |               |                |                |
| Accumulated net income invested in<br>plant or held as working funds ..... | 74,311         | 222,509          | 23,276         | 29,721        | 145,719        | 108,588        |
| Contributed capital .....  | 1,024          |                  |                |               | 3,775          |                |
| Total capital .....  | 90,335         | 265,032          | 37,276         | 39,221        | 159,051        | 128,259        |
| <b>Total .....</b>   | <b>154,900</b> | <b>426,965</b>   | <b>142,563</b> | <b>81,928</b> | <b>283,401</b> | <b>233,684</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                  |                |               |                |                |
| <b>REVENUE</b>   |                |                  |                |               |                |                |
| Sales of electric energy .....   | 52,247         | 117,476          | 45,091         | 16,205        | 78,461         | 66,571         |
| Other .....  | 1,658          | 3,864            | 165            | 212           | 2,192          | 704            |
| <b>Total revenue .....</b>   | <b>53,905</b>  | <b>121,340</b>   | <b>45,256</b>  | <b>16,417</b> | <b>80,653</b>  | <b>67,275</b>  |
| <b>EXPENSE</b>   |                |                  |                |               |                |                |
| Power purchased .....  | 28,562         | 62,118           | 20,189         | 9,303         | 53,964         | 43,211         |
| Local generation .....   |                |                  |                |               |                |                |
| Operation and maintenance .....  | 5,784          | 15,289           | 2,819          | 756           | 5,707          | 6,247          |
| Administration .....   | 9,514          | 9,564            | 6,843          | 1,041         | 6,186          | 5,585          |
| Fixed charges—interest and principal .....                                 |                |                  | 7,953          |               |                | 692            |
| —depreciation .....  | 3,676          | 8,915            | 4,147          | 1,744         | 5,299          | 4,537          |
| —other .....   |                |                  |                |               |                |                |
| <b>Total expense .....</b>   | <b>47,536</b>  | <b>95,886</b>    | <b>41,951</b>  | <b>12,844</b> | <b>71,156</b>  | <b>60,272</b>  |
| <b>Net income or net expense .....</b>                                     | <b>6,369</b>   | <b>25,454</b>    | <b>3,305</b>   | <b>3,573</b>  | <b>9,497</b>   | <b>7,003</b>   |
| Number of customers .....  | 399            | 1,291            | 336            | 181           | 709            | 559            |

## Statements for the Year Ended December 31, 1966

| Stoney<br>Creek<br>7,397 | Stouffville<br>3,701    | Stratford<br>22,791        | Strathroy<br>5,646       | Streetsville<br>5,867    | Sturgeon<br>Falls<br>6,289 | Sudbury<br>82,339            | Sunderland<br>622      | Sundridge<br>786       |
|--------------------------|-------------------------|----------------------------|--------------------------|--------------------------|----------------------------|------------------------------|------------------------|------------------------|
| \$<br>511,093<br>138,726 | \$<br>367,839<br>88,706 | \$<br>4,240,732<br>769,517 | \$<br>795,091<br>261,131 | \$<br>475,156<br>113,945 | \$<br>502,242<br>128,862   | \$<br>8,356,066<br>2,473,411 | \$<br>68,692<br>18,713 | \$<br>91,156<br>18,969 |
| 372,367                  | 279,133                 | 3,471,215                  | 533,960                  | 361,211                  | 373,380                    | 5,882,655                    | 49,979                 | 72,187                 |
| 73,300                   | 13,555                  | 19,822                     | 3,663                    | 32,153                   | 26,993                     | 226,880                      | 8,660                  | 8,201                  |
| .....                    | 72,000                  | .....                      | .....                    | 86,500                   | .....                      | 325,000                      | .....                  | .....                  |
| .....                    | .....                   | .....                      | .....                    | .....                    | .....                      | 849,125                      | 2,000                  | 19,000                 |
| 2,835                    | 8,733                   | 104,904                    | 11,081                   | 9,972                    | 13,652                     | 398,754                      | 443                    | 639                    |
| 76,135                   | 94,288                  | 124,726                    | 14,744                   | 128,625                  | 40,645                     | 1,799,759                    | 11,103                 | 27,840                 |
| 12                       | 451                     | 178,497                    | 2,010                    | 561                      | .....                      | 122,358                      | 30                     | 132                    |
| 25,714                   | 3,918                   | 51,248                     | 1,988                    | 3,068                    | 10,990                     | 122,111                      | 99                     | 1,982                  |
| 25,726                   | 4,369                   | 229,745                    | 3,998                    | 3,629                    | 10,990                     | 244,469                      | 129                    | 2,114                  |
| 222,167                  | 198,423                 | 2,685,048                  | 506,585                  | 206,760                  | 74,854                     | 982,680                      | 53,074                 | 26,613                 |
| <b>696,395</b>           | <b>576,213</b>          | <b>6,510,734</b>           | <b>1,059,287</b>         | <b>700,225</b>           | <b>499,869</b>             | <b>8,909,563</b>             | <b>114,285</b>         | <b>128,754</b>         |
| 19,347                   | 48,942                  | 1,260,000                  | 65,000                   | 74,651                   | 117,800                    | 1,490,000                    | .....                  | 14,255                 |
| 2,240                    | 5,210                   | 45,130                     | 21,385                   | 9,527                    | 26,849                     | 308,567                      | 1,122                  | .....                  |
| 8,955                    | 2,965                   | 94,818                     | 8,284                    | 11,187                   | 22,601                     | 364,684                      | 95                     | 216                    |
| 30,542                   | 57,117                  | 1,399,948                  | 94,669                   | 95,365                   | 167,250                    | 2,163,251                    | 1,217                  | 14,471                 |
| 222,167                  | 198,423                 | 2,685,048                  | 506,585                  | 206,760                  | 74,854                     | 982,680                      | 53,074                 | 26,613                 |
| .....                    | .....                   | .....                      | 11,049                   | 632                      | .....                      | 3,304                        | .....                  | .....                  |
| 222,167                  | 198,423                 | 2,685,048                  | 517,634                  | 207,392                  | 74,854                     | 985,984                      | 53,074                 | 26,613                 |
| 59,114                   | 34,740                  | 565,800                    | 78,222                   | 78,843                   | 57,200                     | 1,243,185                    | 4,628                  | 20,745                 |
| .....                    | .....                   | .....                      | .....                    | .....                    | .....                      | .....                        | .....                  | .....                  |
| 379,445                  | 275,429                 | 1,778,608                  | 367,006                  | 302,246                  | 200,565                    | 4,517,143                    | 55,366                 | 66,925                 |
| 5,127                    | 10,504                  | 81,330                     | 1,756                    | 16,379                   | .....                      | .....                        | .....                  | .....                  |
| 443,686                  | 320,673                 | 2,425,738                  | 446,984                  | 397,468                  | 257,765                    | 5,760,328                    | 59,994                 | 87,670                 |
| <b>696,395</b>           | <b>576,213</b>          | <b>6,510,734</b>           | <b>1,059,287</b>         | <b>700,225</b>           | <b>499,869</b>             | <b>8,909,563</b>             | <b>114,285</b>         | <b>128,754</b>         |
| 300,493                  | 180,882                 | 1,512,311                  | 340,721                  | 254,332                  | 232,031                    | 3,296,927                    | 28,307                 | 41,096                 |
| 14,213                   | 12,735                  | 50,024                     | 870                      | 8,948                    | 6,178                      | 292,460                      | 1,392                  | 1,085                  |
| <b>314,706</b>           | <b>193,617</b>          | <b>1,562,335</b>           | <b>341,591</b>           | <b>263,280</b>           | <b>238,209</b>             | <b>3,589,387</b>             | <b>29,699</b>          | <b>42,181</b>          |
| 201,720                  | 111,071                 | 987,474                    | 223,595                  | 174,108                  | 145,370                    | 2,042,632                    | 20,747                 | 24,423                 |
| .....                    | .....                   | .....                      | .....                    | .....                    | .....                      | .....                        | .....                  | .....                  |
| 10,974                   | 11,943                  | 158,106                    | 40,722                   | 11,589                   | 21,029                     | 400,975                      | 1,935                  | 3,066                  |
| 35,222                   | 16,371                  | 147,184                    | 35,908                   | 23,829                   | 28,218                     | 429,536                      | 2,099                  | 3,518                  |
| 5,534                    | 5,617                   | 110,681                    | 7,462                    | 10,155                   | 13,769                     | 142,532                      | .....                  | 2,809                  |
| 20,220                   | 12,678                  | 108,144                    | 20,990                   | 14,565                   | 17,363                     | 326,451                      | 2,529                  | 2,453                  |
| .....                    | .....                   | .....                      | .....                    | .....                    | .....                      | .....                        | .....                  | .....                  |
| <b>273,670</b>           | <b>157,680</b>          | <b>1,511,589</b>           | <b>328,677</b>           | <b>234,246</b>           | <b>225,749</b>             | <b>3,342,126</b>             | <b>27,310</b>          | <b>36,269</b>          |
| <b>41,036</b>            | <b>35,937</b>           | <b>50,746</b>              | <b>12,914</b>            | <b>29,034</b>            | <b>12,460</b>              | <b>247,261</b>               | <b>2,389</b>           | <b>5,912</b>           |
| 2,127                    | 1,272                   | 7,657                      | 2,014                    | 1,568                    | 1,737                      | 25,538                       | 277                    | 339                    |

## Municipal Electrical Utilities Financial

| Municipality.....  | Sutton         | Swansea          | Tara           | Tavistock      | Tecumseh       | Teeswater      |
|--|----------------|------------------|----------------|----------------|----------------|----------------|
| Population.....  | 1,454          | 9,409            | 525            | 1,261          | 4,730          | 909            |
| <b>A. BALANCE SHEETS</b>   |                |                  |                |                |                |                |
| <b>FIXED ASSETS</b>  | \$             | \$               | \$             | \$             | \$             | \$             |
| Plant and facilities at cost.....                                      | 188,747        | 1,049,763        | 69,376         | 188,974        | 308,107        | 119,138        |
| Accumulated depreciation.....  | 24,064         | 318,638          | 12,737         | 72,453         | 122,528        | 25,127         |
| Net fixed assets.....  | 164,683        | 731,125          | 56,639         | 116,521        | 185,579        | 94,011         |
| <b>CURRENT ASSETS</b>  |                |                  |                |                |                |                |
| Cash on hand and in bank.....  | 17,037         | 74,896           | 2,509          | 16,727         | 24,784         | 3,747          |
| Short-term investments.....  | 17,500         |                  |                |                | 20,000         |                |
| Investment in government securities.....                               |                |                  | 8,000          | 15,000         |                | 3,500          |
| Accounts receivable (net).....   | 14,280         | 64,197           | 1,415          | 377            | 10,325         | 190            |
| Total current assets.....  | 48,817         | 139,093          | 11,924         | 32,104         | 55,109         | 7,437          |
| <b>OTHER ASSETS</b>  |                |                  |                |                |                |                |
| Inventory of stores.....   | 1,811          | 10,762           | 172            | 253            | 22,898         | 58             |
| Sinking fund on local debentures.....                                  |                |                  |                |                |                |                |
| Miscellaneous.....   | 1,029          | 904              | 1,535          | 48             |                |                |
| Total other assets.....  | 2,840          | 11,666           | 1,707          | 301            | 22,898         | 58             |
| Equity in Ontario Hydro Systems.....                                   | 149,009        | 780,083          | 57,257         | 205,158        | 196,245        | 92,187         |
| <b>Total.....</b>  | <b>365,349</b> | <b>1,661,967</b> | <b>127,527</b> | <b>354,084</b> | <b>459,831</b> | <b>193,693</b> |
| <b>LIABILITIES</b>   |                |                  |                |                |                |                |
| Debentures outstanding.....  |                |                  |                | 11,924         |                |                |
| Accounts payable.....  | 3,935          | 52,020           | 10,636         | 544            | 816            | 969            |
| Other.....   | 4,457          | 3,087            | 265            | 1,187          | 2,755          | 204            |
| Total liabilities.....   | 8,392          | 55,107           | 10,901         | 13,655         | 3,571          | 1,173          |
| <b>RESERVES</b>  |                |                  |                |                |                |                |
| Equity in Ontario Hydro Systems..                                      | 149,009        | 780,083          | 57,257         | 205,158        | 196,245        | 92,187         |
| Other.....   |                |                  |                |                |                |                |
| Total reserves.....  | 149,009        | 780,083          | 57,257         | 205,158        | 196,245        | 92,187         |
| <b>CAPITAL</b>   |                |                  |                |                |                |                |
| Debentures redeemed.....   | 26,000         | 247,241          | 14,264         | 23,361         | 26,000         | 21,296         |
| Local sinking fund.....  |                |                  |                |                |                |                |
| Accumulated net income invested in<br>plant or held as working funds.. | 154,151        | 579,086          | 45,105         | 111,910        | 227,766        | 79,037         |
| Contributed capital.....   | 27,797         | 450              |                |                | 6,249          |                |
| Total capital.....   | 207,948        | 826,777          | 59,369         | 135,271        | 260,015        | 100,333        |
| <b>Total.....</b>  | <b>365,349</b> | <b>1,661,967</b> | <b>127,527</b> | <b>354,084</b> | <b>459,831</b> | <b>193,693</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                  |                |                |                |                |
| <b>REVENUE</b>   |                |                  |                |                |                |                |
| Sales of electric energy.....  | 108,848        | 505,382          | 37,253         | 67,831         | 167,302        | 57,000         |
| Other.....   | 1,596          | 32,274           | 1,025          | 3,663          | 6,705          | 370            |
| <b>Total revenue.....</b>  | <b>110,444</b> | <b>537,656</b>   | <b>38,278</b>  | <b>71,494</b>  | <b>174,007</b> | <b>57,370</b>  |
| <b>EXPENSE</b>   |                |                  |                |                |                |                |
| Power purchased.....   | 60,133         | 335,863          | 26,631         | 41,292         | 100,711        | 38,763         |
| Local generation.....  |                |                  |                |                |                |                |
| Operation and maintenance.....   | 8,166          | 48,033           | 2,139          | 3,203          | 18,446         | 4,204          |
| Administration.....  | 12,779         | 47,076           | 2,288          | 4,665          | 22,765         | 2,992          |
| Fixed charges—interest and principal                                   |                | 12,584           |                | 2,260          |                |                |
| —depreciation.....   | 5,046          | 40,930           | 2,510          | 6,334          | 9,398          | 3,360          |
| —other.....  |                |                  |                |                |                |                |
| Total expense.....   | 86,124         | 484,486          | 33,568         | 57,754         | 151,320        | 49,319         |
| <b>Net income or net expense.....</b>                                  | <b>24,320</b>  | <b>53,170</b>    | <b>4,710</b>   | <b>13,740</b>  | <b>22,687</b>  | <b>8,051</b>   |
| Number of customers.....   | 935            | 3,613            | 273            | 535            | 1,416          | 393            |



## Statements for the Year Ended December 31, 1966

| Terrace<br>Bay Twp.<br>1,877 | Thamesford<br>1,395     | Thamesville<br>1,013    | Thedford<br>685        | Thessalon<br>1,651      | Thornbury<br>1,204      | Thorndale<br>405       | Thornton<br>316        | Thorold<br>8,820         |
|------------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|
| \$<br>286,023<br>67,530      | \$<br>144,907<br>39,503 | \$<br>135,961<br>50,861 | \$<br>75,665<br>21,069 | \$<br>171,765<br>39,291 | \$<br>217,980<br>35,821 | \$<br>44,648<br>19,071 | \$<br>25,983<br>10,051 | \$<br>810,070<br>223,934 |
| 218,484                      | 105,404                 | 85,100                  | 54,596                 | 132,474                 | 182,159                 | 25,577                 | 15,932                 | 586,136                  |
| 21,402                       | 2,669                   | 13,036                  | 7,734                  | 6,420                   | 5,489                   | 9,389                  | 3,958                  | 74,903                   |
| 25,000                       | .....                   | .....                   | 5,000                  | 25,000                  | .....                   | .....                  | .....                  | 145,000                  |
| .....                        | 12,000                  | 11,903                  | 3,000                  | .....                   | 3,955                   | 3,000                  | .....                  | .....                    |
| 723                          | 377                     | 996                     | 3,774                  | 787                     | 11,201                  | 547                    | 295                    | 12,057                   |
| 47,125                       | 15,046                  | 25,935                  | 19,508                 | 32,207                  | 20,645                  | 12,936                 | 4,253                  | 231,960                  |
| .....                        | 30                      | 442                     | 14                     | .....                   | 3,821                   | .....                  | .....                  | 26,549                   |
| 5,998                        | 5,043                   | .....                   | 100                    | 4,458                   | 465                     | .....                  | .....                  | 12,755                   |
| 5,998                        | 5,073                   | 442                     | 114                    | 4,458                   | 4,286                   | .....                  | .....                  | 39,304                   |
| 129,660                      | 99,605                  | 108,476                 | 66,199                 | 22,509                  | 59,942                  | 39,243                 | 19,254                 | 1,162,577                |
| <b>401,267</b>               | <b>225,128</b>          | <b>219,953</b>          | <b>140,417</b>         | <b>191,648</b>          | <b>267,032</b>          | <b>77,756</b>          | <b>39,439</b>          | <b>2,019,977</b>         |
| 15,600                       | 1,000                   | .....                   | .....                  | 36,000                  | 12,000                  | .....                  | .....                  | 55,993                   |
| 91                           | 1,046                   | 91                      | .....                  | 1,085                   | 710                     | 56                     | 50                     | 3,499                    |
| .....                        | 4,402                   | 1,515                   | 359                    | 3,456                   | 245                     | 253                    | 53                     | 13,463                   |
| 15,691                       | 6,448                   | 1,606                   | 359                    | 40,541                  | 12,955                  | 309                    | 103                    | 72,955                   |
| 129,660                      | 99,605                  | 108,476                 | 66,199                 | 22,509                  | 59,942                  | 39,243                 | 19,254                 | 1,162,577                |
| .....                        | .....                   | .....                   | .....                  | .....                   | .....                   | .....                  | .....                  | .....                    |
| 129,660                      | 99,605                  | 108,476                 | 66,199                 | 22,509                  | 59,942                  | 39,243                 | 19,254                 | 1,162,577                |
| 62,400                       | 7,358                   | 11,188                  | 16,500                 | 29,000                  | 74,000                  | 3,086                  | 7,199                  | 71,931                   |
| .....                        | .....                   | .....                   | .....                  | .....                   | .....                   | .....                  | .....                  | .....                    |
| 193,516                      | 110,497                 | 96,207                  | 56,803                 | 99,598                  | 117,903                 | 35,118                 | 12,883                 | 692,252                  |
| .....                        | 1,220                   | 2,476                   | 556                    | .....                   | 2,232                   | .....                  | .....                  | 20,262                   |
| 255,916                      | 119,075                 | 109,871                 | 73,859                 | 128,598                 | 194,135                 | 38,204                 | 20,082                 | 784,445                  |
| <b>401,267</b>               | <b>225,128</b>          | <b>219,953</b>          | <b>140,417</b>         | <b>191,648</b>          | <b>267,032</b>          | <b>77,756</b>          | <b>39,439</b>          | <b>2,019,977</b>         |
| 88,300                       | 71,321                  | 59,377                  | 35,870                 | 81,855                  | 86,236                  | 16,553                 | 9,516                  | 717,559                  |
| 4,585                        | 4,056                   | 1,665                   | 583                    | 1,108                   | 1,528                   | 1,082                  | 1                      | 13,119                   |
| <b>92,885</b>                | <b>75,377</b>           | <b>61,042</b>           | <b>36,453</b>          | <b>82,963</b>           | <b>87,764</b>           | <b>17,635</b>          | <b>9,517</b>           | <b>730,678</b>           |
| 59,617                       | 45,834                  | 37,558                  | 21,967                 | 38,431                  | 51,451                  | 9,604                  | 5,799                  | 583,430                  |
| 5,967                        | 2,502                   | 3,635                   | 1,249                  | 7,124                   | 9,518                   | 2,154                  | 166                    | 45,687                   |
| 9,218                        | 6,005                   | 8,721                   | 2,872                  | 14,038                  | 8,464                   | 2,095                  | 811                    | 45,839                   |
| 4,633                        | 235                     | .....                   | .....                  | 5,230                   | 2,298                   | .....                  | .....                  | 9,675                    |
| 7,400                        | 6,009                   | 4,843                   | 2,405                  | 4,812                   | 5,185                   | 1,853                  | 948                    | 22,109                   |
| 86,835                       | 60,585                  | 54,757                  | 28,493                 | 69,635                  | 76,916                  | 15,706                 | 7,724                  | 706,740                  |
| <b>6,050</b>                 | <b>14,792</b>           | <b>6,285</b>            | <b>7,960</b>           | <b>13,328</b>           | <b>10,848</b>           | <b>1,929</b>           | <b>1,793</b>           | <b>23,938</b>            |
| 462                          | 448                     | 440                     | 307                    | 526                     | 586                     | 139                    | 108                    | 2,562                    |

## Municipal Electrical Utilities Financial

| Municipality.....   | Tilbury        | Tillsonburg      | Toronto            | Toronto<br>Twp.   | Tottenham      | Trenton          |
|---|----------------|------------------|--------------------|-------------------|----------------|------------------|
| Population.....   | 3,370          | 6,587            | 667,280            | 93,462            | 783            | 13,807           |
| <b>A. BALANCE SHEETS</b>  |                |                  |                    |                   |                |                  |
| <b>FIXED ASSETS</b>   | \$             | \$               | \$                 | \$                | \$             | \$               |
| Plant and facilities at cost.....   | 343,968        | 1,017,904        | 115,436,956        | 15,461,707        | 53,157         | 1,939,739        |
| Accumulated depreciation.....   | 124,038        | 224,607          | 34,473,236         | 2,380,125         | 18,948         | 585,835          |
| Net fixed assets.....   | 219,930        | 793,297          | 80,963,720         | 13,081,582        | 34,209         | 1,353,904        |
| <b>CURRENT ASSETS</b>   |                |                  |                    |                   |                |                  |
| Cash on hand and in bank.....   | 14,947         | 42,753           | 224,464            | 106,542           | 7,803          | 73,000           |
| Short-term investments.....   |                | 100,000          | 6,100,000          |                   |                |                  |
| Investment in government securities.....                                  |                |                  | 973,602            | 8,000             | 13,058         | 10,000           |
| Accounts receivable (net).....  | 5,302          | 11,392           | 4,717,200          | 350,145           | 1,478          | 36,198           |
| Total current assets.....   | 20,249         | 154,145          | 12,015,266         | 464,687           | 22,339         | 119,198          |
| <b>OTHER ASSETS</b>   |                |                  |                    |                   |                |                  |
| Inventory of stores.....  | 900            | 19,218           | 2,388,741          | 576,263           | 387            | 48,455           |
| Sinking fund on local debentures.....                                     |                |                  | 2,552,901          |                   |                |                  |
| Miscellaneous.....  | 475            | 5,089            | 6,764,605          | 575,443           | 690            | 632              |
| Total other assets.....   | 1,375          | 24,307           | 11,706,247         | 1,151,706         | 1,077          | 49,087           |
| Equity in Ontario Hydro Systems.....                                      | 296,338        | 576,434          | 103,587,575        | 3,958,433         | 63,844         | 1,385,838        |
| <b>Total.....</b>   | <b>537,892</b> | <b>1,548,183</b> | <b>208,272,808</b> | <b>18,656,408</b> | <b>121,469</b> | <b>2,908,027</b> |
| <b>LIABILITIES</b>  |                |                  |                    |                   |                |                  |
| Debentures outstanding.....   | 20,500         | 37,700           | 11,407,050         | 1,454,641         |                | 125,000          |
| Accounts payable.....   | 495            | 31,132           | 3,418,666          | 768,433           | 84             | 15,998           |
| Other.....  | 5,917          | 29,786           | 594,258            | 743,918           | 878            | 17,676           |
| Total liabilities.....  | 26,912         | 98,618           | 15,419,974         | 2,966,992         | 962            | 158,674          |
| <b>RESERVES</b>   |                |                  |                    |                   |                |                  |
| Equity in Ontario Hydro Systems.....                                      | 296,338        | 576,434          | 103,587,575        | 3,958,433         | 63,844         | 1,385,838        |
| Other.....  |                |                  | 583,818            |                   |                |                  |
| Total reserves.....   | 296,338        | 576,434          | 104,171,393        | 3,958,433         | 63,844         | 1,385,838        |
| <b>CAPITAL</b>  |                |                  |                    |                   |                |                  |
| Debentures redeemed.....  | 43,500         | 169,349          | 33,520,935         | 975,232           | 21,435         | 189,587          |
| Local sinking fund.....   |                |                  | 2,552,901          |                   |                |                  |
| Accumulated net income invested in<br>plant or held as working funds..... | 171,142        | 703,782          | 49,755,337         | 7,383,387         | 35,228         | 1,148,746        |
| Contributed capital.....  |                |                  | 2,852,268          | 3,372,364         |                | 25,182           |
| Total capital.....  | 214,642        | 873,131          | 88,681,441         | 11,730,983        | 56,663         | 1,363,515        |
| <b>Total.....</b>   | <b>537,892</b> | <b>1,548,183</b> | <b>208,272,808</b> | <b>18,656,408</b> | <b>121,469</b> | <b>2,908,027</b> |
| <b>B. OPERATING STATEMENTS</b>  |                |                  |                    |                   |                |                  |
| <b>REVENUE</b>  |                |                  |                    |                   |                |                  |
| Sales of electric energy.....   | 152,636        | 450,562          | 45,300,389         | 6,767,977         | 26,154         | 886,904          |
| Other.....  | 1,520          | 10,962           | 1,440,700          | 118,906           | 1,329          | 36,810           |
| <b>Total revenue.....</b>   | <b>154,156</b> | <b>461,524</b>   | <b>46,741,089</b>  | <b>6,886,883</b>  | <b>27,483</b>  | <b>923,714</b>   |
| <b>EXPENSE</b>  |                |                  |                    |                   |                |                  |
| Power purchased.....  | 79,001         | 292,782          | 28,652,180         | 4,745,599         | 16,751         | 675,996          |
| Local generation.....   |                |                  |                    |                   |                |                  |
| Operation and maintenance.....  | 15,278         | 47,905           | 5,629,573          | 341,684           | 2,732          | 43,335           |
| Administration.....   | 20,455         | 35,305           | 4,743,766          | 423,419           | 3,288          | 62,859           |
| Fixed charges—interest and principal.....                                 | 4,912          | 8,936            | 1,185,713          | 176,260           |                | 20,597           |
| —depreciation.....  | 10,096         | 27,923           | 3,547,812          | 403,793           | 1,774          | 66,747           |
| —other.....   |                |                  | 9,600              |                   |                |                  |
| <b>Total expense.....</b>   | <b>129,742</b> | <b>412,851</b>   | <b>43,768,644</b>  | <b>6,090,755</b>  | <b>24,545</b>  | <b>869,534</b>   |
| <b>Net income or net expense.....</b>                                     | <b>24,414</b>  | <b>48,673</b>    | <b>2,972,445</b>   | <b>796,128</b>    | <b>2,938</b>   | <b>54,180</b>    |
| Number of customers.....  | 1,115          | 2,673            | 217,365            | 27,019            | 283            | 4,673            |

## Statements for the Year Ended December 31, 1966

| Tweed                   | Uxbridge                | Vankleek Hill           | Victoria Harbour       | Walkerton                | Wallaceburg                | Wardsville             | Warkworth              | Wasaga Beach            |
|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|----------------------------|------------------------|------------------------|-------------------------|
| 1,657                   | 2,597                   | 1,691                   | 1,031                  | 4,152                    | 10,746                     | 308                    | 522                    | 1,021                   |
| \$<br>195,081<br>56,200 | \$<br>294,558<br>77,316 | \$<br>166,378<br>54,716 | \$<br>94,727<br>21,359 | \$<br>441,914<br>100,675 | \$<br>1,278,926<br>469,358 | \$<br>39,939<br>12,811 | \$<br>63,588<br>18,281 | \$<br>199,900<br>71,730 |
| 138,881                 | 217,242                 | 111,662                 | 73,368                 | 341,239                  | 809,568                    | 27,128                 | 45,307                 | 128,170                 |
| 8,345                   | 15,940                  | 6,434                   | 4,406                  | 13,158                   | 11,441                     | 9,099                  | 6,828                  | 43,644                  |
| 11,000                  | 2,912                   | 30,000                  |                        | 6,000                    |                            | 1,500                  |                        |                         |
| 853                     | 2,748                   | 219                     | 2,925                  | 8,971                    | 53,332                     | 369                    | 220                    | 1,205                   |
| 20,198                  | 21,600                  | 36,653                  | 7,331                  | 28,129                   | 64,773                     | 10,968                 | 7,048                  | 44,849                  |
|                         | 2,449                   |                         | 360                    | 14,876                   | 114,326                    |                        |                        | 78                      |
|                         | 380                     | 4,807                   | 98                     |                          |                            |                        |                        | 4,806                   |
|                         | 2,829                   | 4,807                   | 458                    | 14,876                   | 114,326                    |                        |                        | 4,884                   |
| 126,874                 | 192,024                 | 34,630                  | 44,376                 | 304,439                  | 1,368,649                  | 26,713                 | 35,285                 | 43,529                  |
| <b>285,953</b>          | <b>433,695</b>          | <b>187,752</b>          | <b>125,533</b>         | <b>688,683</b>           | <b>2,357,316</b>           | <b>64,809</b>          | <b>87,640</b>          | <b>221,432</b>          |
|                         | 28,300                  | 20,800                  | 4,400                  |                          |                            |                        | 5,690                  | 18,500                  |
| 857                     | 3,594                   | 1,211                   | 1,343                  | 702                      | 6,621                      | 123                    | 177                    | 146                     |
| 756                     | 3,325                   | 1,962                   | 290                    | 4,209                    | 10,994                     | 190                    | 324                    | 1,558                   |
| 1,613                   | 35,219                  | 23,973                  | 6,033                  | 4,911                    | 17,615                     | 313                    | 6,191                  | 20,204                  |
| 126,874                 | 192,024                 | 34,630                  | 44,376                 | 304,439                  | 1,368,649                  | 26,713                 | 35,285                 | 43,529                  |
| 126,874                 | 192,024                 | 34,630                  | 44,376                 | 304,439                  | 1,368,649                  | 26,713                 | 35,285                 | 43,529                  |
| 19,000                  | 17,022                  | 25,200                  | 14,479                 | 56,749                   | 71,537                     | 7,562                  | 9,083                  | 91,500                  |
| 138,466                 | 189,430                 | 103,949                 | 60,645                 | 322,584                  | 899,515                    | 27,231                 | 31,598                 | 65,528                  |
|                         |                         |                         |                        |                          |                            | 2,990                  | 5,483                  | 671                     |
| 157,466                 | 206,452                 | 129,149                 | 75,124                 | 379,333                  | 971,052                    | 37,783                 | 46,164                 | 157,699                 |
| <b>285,953</b>          | <b>433,695</b>          | <b>187,752</b>          | <b>125,533</b>         | <b>688,683</b>           | <b>2,357,316</b>           | <b>64,809</b>          | <b>87,640</b>          | <b>221,432</b>          |
| 85,917                  | 145,776                 | 53,757                  | 39,271                 | 235,867                  | 730,107                    | 13,547                 | 20,769                 | 75,533                  |
| 3,796                   | 4,264                   | 3,431                   |                        | 6,463                    | 3,448                      | 416                    | 374                    | 2,074                   |
| <b>89,713</b>           | <b>150,040</b>          | <b>57,188</b>           | <b>39,271</b>          | <b>242,330</b>           | <b>733,555</b>             | <b>13,963</b>          | <b>21,143</b>          | <b>77,607</b>           |
| 63,412                  | 100,743                 | 37,171                  | 23,379                 | 170,582                  | 605,135                    | 7,569                  | 12,505                 | 36,973                  |
| 4,530                   | 7,530                   | 4,383                   | 4,842                  | 13,278                   | 40,656                     | 1,122                  | 1,813                  | 7,117                   |
| 6,924                   | 8,711                   | 6,155                   | 4,967                  | 20,100                   | 65,047                     | 1,181                  | 2,100                  | 12,848                  |
|                         | 2,568                   | 3,441                   | 1,243                  |                          |                            |                        | 642                    | 4,917                   |
| 7,597                   | 10,816                  | 6,178                   | 2,765                  | 14,650                   | 38,316                     | 1,253                  | 2,121                  | 6,141                   |
| <b>82,463</b>           | <b>130,368</b>          | <b>57,328</b>           | <b>37,196</b>          | <b>218,610</b>           | <b>749,154</b>             | <b>11,125</b>          | <b>19,181</b>          | <b>67,996</b>           |
| <b>7,250</b>            | <b>19,672</b>           | <b>140</b>              | <b>2,075</b>           | <b>23,720</b>            | <b>15,599</b>              | <b>2,838</b>           | <b>1,962</b>           | <b>9,611</b>            |
| 680                     | 963                     | 578                     | 535                    | 1,498                    | 3,625                      | 157                    | 246                    | 981                     |



## Municipal Electrical Utilities Financial

| Municipality.....  | Waterdown      | Waterford      | Waterloo         | Watford        | Waubau-<br>shene<br>1,500 | Webbwood      |
|--|----------------|----------------|------------------|----------------|---------------------------|---------------|
| Population.....  | 1,998          | 2,460          | 29,770           | 1,252          |                           | 550           |
| <b>A. BALANCE SHEETS</b>   |                |                |                  |                |                           |               |
| <b>FIXED ASSETS</b>  | \$             | \$             | \$               | \$             | \$                        | \$            |
| Plant and facilities at cost.....                                      | 223,904        | 199,658        | 4,347,358        | 117,774        | 75,215                    | 47,610        |
| Accumulated depreciation.....  | 58,281         | 56,213         | 861,245          | 43,615         | 15,748                    | 10,666        |
| Net fixed assets.....  | 165,623        | 143,445        | 3,486,113        | 74,159         | 59,467                    | 36,944        |
| <b>CURRENT ASSETS</b>  |                |                |                  |                |                           |               |
| Cash on hand and in bank.....  | 6,489          | 20,380         | 143,312          | 19,932         | 3,619                     | 11,423        |
| Short-term investments.....  |                | 26,843         |                  |                |                           |               |
| Investment in government securities.....                               |                |                |                  | 18,114         |                           |               |
| Accounts receivable (net).....   | 7,104          | 1,075          | 158,337          | 4,310          | 1,560                     | 709           |
| Total current assets.....  | 13,593         | 48,298         | 301,649          | 42,356         | 5,179                     | 12,132        |
| <b>OTHER ASSETS</b>  |                |                |                  |                |                           |               |
| Inventory of stores.....   |                | 346            | 148,790          | 1,266          | 416                       | 149           |
| Sinking fund on local debentures.....                                  |                |                |                  |                |                           |               |
| Miscellaneous.....   | 1,395          |                | 12,922           | 489            |                           | 3,656         |
| Total other assets.....  | 1,395          | 346            | 161,712          | 1,755          | 416                       | 3,805         |
| Equity in Ontario Hydro Systems.....                                   | 123,683        | 171,003        | 1,900,031        | 170,475        | 38,929                    | 4,040         |
| <b>Total.....</b>  | <b>304,294</b> | <b>363,092</b> | <b>5,849,505</b> | <b>288,745</b> | <b>103,991</b>            | <b>56,921</b> |
| <b>LIABILITIES</b>   |                |                |                  |                |                           |               |
| Debentures outstanding.....  | 16,000         | 24,500         | 1,228,000        |                |                           | 16,242        |
| Accounts payable.....  | 4,498          | 713            | 59,547           | 1,354          | 1,309                     | 198           |
| Other.....   | 1,708          | 3,798          | 155,766          | 876            | 20                        | 714           |
| Total liabilities.....   | 22,206         | 29,011         | 1,443,313        | 2,230          | 1,329                     | 17,154        |
| <b>RESERVES</b>  |                |                |                  |                |                           |               |
| Equity in Ontario Hydro Systems..                                      | 123,683        | 171,003        | 1,900,031        | 170,475        | 38,929                    | 4,040         |
| Other.....   |                |                |                  |                |                           |               |
| Total reserves.....  | 123,683        | 171,003        | 1,900,031        | 170,475        | 38,929                    | 4,040         |
| <b>CAPITAL</b>   |                |                |                  |                |                           |               |
| Debentures redeemed.....   | 21,632         | 17,623         | 767,018          | 9,055          | 3,242                     | 13,758        |
| Local sinking fund.....  |                |                |                  |                |                           |               |
| Accumulated net income invested in<br>plant or held as working funds.. | 128,385        | 141,024        | 1,490,880        | 106,985        | 60,491                    | 21,969        |
| Contributed capital.....   | 8,388          | 4,431          | 248,263          |                |                           |               |
| Total capital.....   | 158,405        | 163,078        | 2,506,161        | 116,040        | 63,733                    | 35,727        |
| <b>Total.....</b>  | <b>304,294</b> | <b>363,092</b> | <b>5,849,505</b> | <b>288,745</b> | <b>103,991</b>            | <b>56,921</b> |
| <b>B. OPERATING STATEMENTS</b>   |                |                |                  |                |                           |               |
| <b>REVENUE</b>   |                |                |                  |                |                           |               |
| Sales of electric energy.....  | 87,196         | 118,020        | 1,881,571        | 100,901        | 26,980                    | 18,859        |
| Other.....   | 2,714          | 2,077          | 20,259           | 1,015          | 175                       | 580           |
| <b>Total revenue.....</b>  | <b>89,910</b>  | <b>120,097</b> | <b>1,901,830</b> | <b>101,916</b> | <b>27,155</b>             | <b>19,439</b> |
| <b>EXPENSE</b>   |                |                |                  |                |                           |               |
| Power purchased.....   | 55,338         | 67,104         | 1,229,914        | 69,617         | 15,287                    | 8,308         |
| Local generation.....  |                |                |                  |                |                           |               |
| Operation and maintenance.....   | 7,049          | 12,794         | 130,710          | 4,905          | 3,970                     | 1,581         |
| Administration.....  | 8,940          | 7,722          | 133,293          | 12,519         | 2,638                     | 2,466         |
| Fixed charges—interest and principal                                   | 3,026          | 2,805          | 173,429          |                |                           | 2,615         |
| —depreciation.....   | 8,044          | 5,523          | 113,520          | 3,487          | 2,069                     | 1,356         |
| —other.....  |                |                |                  |                |                           |               |
| <b>Total expense.....</b>  | <b>82,397</b>  | <b>95,948</b>  | <b>1,780,866</b> | <b>90,528</b>  | <b>23,964</b>             | <b>16,326</b> |
| <b>Net income or net expense.....</b>                                  | <b>7,513</b>   | <b>24,149</b>  | <b>120,964</b>   | <b>11,388</b>  | <b>3,191</b>              | <b>3,113</b>  |
| Number of customers.....   | 621            | 885            | 8,292            | 554            | 475                       | 148           |

## Statements for the Year Ended December 31, 1966

| Welland                             | Wellesley                     | Wellington                    | West Ferris<br>Twp.             | West Lorne                     | Weston                            | Westport                     | Wheatley                       | Whitby                            |
|-------------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|-----------------------------------|------------------------------|--------------------------------|-----------------------------------|
| 39,014                              | 719                           | 970                           | 6,567                           | 1,028                          | 10,914                            | 619                          | 1,478                          | 15,061                            |
| \$<br>4,252,160<br><i>1,283,624</i> | \$<br>80,572<br><i>16,422</i> | \$<br>96,520<br><i>35,478</i> | \$<br>908,685<br><i>189,059</i> | \$<br>153,287<br><i>59,352</i> | \$<br>1,734,114<br><i>462,145</i> | \$<br>57,308<br><i>9,933</i> | \$<br>215,304<br><i>49,374</i> | \$<br>1,727,255<br><i>371,702</i> |
| 2,968,536                           | 64,150                        | 61,042                        | 719,626                         | 93,935                         | 1,271,969                         | 47,375                       | 165,930                        | 1,355,553                         |
| 101,736                             | 8,872                         | 18,859                        | 30,313                          | 13,727                         | 90,443                            | 4,647                        | 2,591                          | 12,179                            |
| 250,000                             | .....                         | .....                         | .....                           | 20,000                         | .....                             | .....                        | 15,000                         | .....                             |
| 10,000                              | 9,000                         | 7,000                         | .....                           | 19,993                         | .....                             | 3,500                        | .....                          | 10,000                            |
| 50,797                              | 270                           | 168                           | 12,888                          | 1,297                          | 97,827                            | 151                          | 3,974                          | 26,462                            |
| 412,533                             | 18,142                        | 26,027                        | 43,201                          | 55,017                         | 188,270                           | 8,298                        | 21,565                         | 48,641                            |
| 70,629                              | .....                         | 650                           | 8,108                           | 110                            | 25,234                            | .....                        | 1,826                          | 48,436                            |
| .....                               | .....                         | .....                         | .....                           | .....                          | 63,364                            | .....                        | .....                          | .....                             |
| 34,727                              | .....                         | .....                         | 13,348                          | .....                          | 6,391                             | .....                        | .....                          | 2,213                             |
| 105,356                             | .....                         | 650                           | 21,456                          | 110                            | 94,989                            | .....                        | 1,826                          | 50,649                            |
| 2,574,561                           | 67,180                        | 88,502                        | 96,938                          | 155,790                        | 1,351,615                         | 49,750                       | 116,177                        | 839,292                           |
| <b>6,060,986</b>                    | <b>149,472</b>                | <b>176,221</b>                | <b>881,221</b>                  | <b>304,852</b>                 | <b>2,906,843</b>                  | <b>105,423</b>               | <b>305,498</b>                 | <b>2,294,135</b>                  |
| 1,241,000                           | 1,800                         | .....                         | 341,510                         | .....                          | 119,313                           | .....                        | 5,200                          | 158,000                           |
| 29,913                              | 7,275                         | 282                           | 19,141                          | 197                            | 2,496                             | .....                        | 400                            | 5,458                             |
| 62,555                              | 307                           | 910                           | 46,839                          | 210                            | 37,473                            | 436                          | 784                            | 50,483                            |
| 1,333,468                           | 9,382                         | 1,192                         | 407,490                         | 407                            | 159,282                           | 436                          | 6,384                          | 213,941                           |
| 2,574,561                           | 67,180                        | 88,502                        | 96,938                          | 155,790                        | 1,351,615                         | 49,750                       | 116,177                        | 839,292                           |
| .....                               | .....                         | .....                         | .....                           | .....                          | .....                             | .....                        | .....                          | .....                             |
| 2,574,561                           | 67,180                        | 88,502                        | 96,938                          | 155,790                        | 1,351,615                         | 49,750                       | 116,177                        | 839,292                           |
| 641,473                             | 10,628                        | 13,816                        | 145,990                         | 8,000                          | 183,446                           | 15,000                       | 46,800                         | 303,011                           |
| .....                               | .....                         | .....                         | .....                           | .....                          | 63,364                            | .....                        | .....                          | .....                             |
| 1,491,926                           | 62,282                        | 63,219                        | 205,487                         | 137,084                        | 1,141,660                         | 40,161                       | 134,587                        | 929,160                           |
| 19,558                              | .....                         | 9,492                         | 25,316                          | 3,571                          | 7,476                             | 76                           | 1,550                          | 8,731                             |
| 2,152,957                           | 72,910                        | 86,527                        | 376,793                         | 148,655                        | 1,395,946                         | 55,237                       | 182,937                        | 1,240,902                         |
| <b>6,060,986</b>                    | <b>149,472</b>                | <b>176,221</b>                | <b>881,221</b>                  | <b>304,852</b>                 | <b>2,906,843</b>                  | <b>105,423</b>               | <b>305,498</b>                 | <b>2,294,135</b>                  |
| 2,075,244                           | 30,670                        | 46,097                        | 358,674                         | 83,104                         | 795,435                           | 29,347                       | 72,855                         | 865,961                           |
| 27,927                              | 987                           | 1,439                         | 15,127                          | 6,139                          | 32,049                            | 574                          | 1,042                          | 34,180                            |
| <b>2,103,171</b>                    | <b>31,657</b>                 | <b>47,536</b>                 | <b>373,801</b>                  | <b>89,243</b>                  | <b>827,484</b>                    | <b>29,921</b>                | <b>73,897</b>                  | <b>900,141</b>                    |
| 1,365,312                           | 18,914                        | 25,437                        | 224,700                         | 51,690                         | 472,967                           | 19,080                       | 36,294                         | 626,830                           |
| 145,560                             | 2,369                         | 3,399                         | 22,046                          | 4,108                          | 44,076                            | 2,550                        | 5,687                          | 54,885                            |
| 168,829                             | 2,332                         | 4,000                         | 41,468                          | 11,114                         | 95,834                            | 3,794                        | 7,026                          | 75,189                            |
| 135,119                             | 491                           | .....                         | 42,777                          | .....                          | 20,035                            | .....                        | 2,842                          | 39,428                            |
| 122,708                             | 2,318                         | 3,795                         | 27,705                          | 6,770                          | 58,558                            | 1,431                        | 5,888                          | 59,327                            |
| .....                               | .....                         | .....                         | .....                           | .....                          | .....                             | .....                        | .....                          | .....                             |
| <b>1,937,528</b>                    | <b>26,424</b>                 | <b>36,631</b>                 | <b>358,696</b>                  | <b>73,682</b>                  | <b>691,470</b>                    | <b>26,855</b>                | <b>57,737</b>                  | <b>855,659</b>                    |
| <b>165,643</b>                      | <b>5,233</b>                  | <b>10,905</b>                 | <b>15,105</b>                   | <b>15,561</b>                  | <b>136,014</b>                    | <b>3,066</b>                 | <b>16,160</b>                  | <b>44,482</b>                     |
| 11,659                              | 313                           | 471                           | 2,242                           | 458                            | 3,944                             | 303                          | 560                            | 4,365                             |

## Municipal Electrical Utilities Financial

| Municipality.....   | Warton         | Widdifield<br>Twp. | Williams-<br>burg | Winchester     | Windermere    | Windsor           |
|---|----------------|--------------------|-------------------|----------------|---------------|-------------------|
| Population.....   | 1,933          | 12,856             | 322               | 1,434          | 111           | 187,418           |
| <b>A. BALANCE SHEETS</b>  |                |                    |                   |                |               |                   |
| <b>FIXED ASSETS</b>   | \$             | \$                 | \$                | \$             | \$            | \$                |
| Plant and facilities at cost.....                                     | 208,947        | 1,536,185          | 30,991            | 144,610        | 47,061        | 21,932,295        |
| Accumulated depreciation.....   | 51,726         | 373,929            | 12,518            | 45,025         | 9,925         | 6,822,328         |
| Net fixed assets.....   | 157,221        | 1,162,256          | 18,473            | 99,585         | 37,136        | 15,109,967        |
| <b>CURRENT ASSETS</b>   |                |                    |                   |                |               |                   |
| Cash on hand and in bank.....   | 1,997          | 40,601             | 8,519             | 32,499         | 39            | 34,192            |
| Short-term investments.....   |                | 25,000             |                   |                |               |                   |
| Investment in government securities                                   | 15,000         |                    | 5,000             |                | 4,960         | 1,318,952         |
| Accounts receivable (net).....  | 2,443          | 23,167             | 63                | 6,036          | 97            | 1,134,498         |
| Total current assets.....   | 19,440         | 88,768             | 13,582            | 38,535         | 5,096         | 2,487,642         |
| <b>OTHER ASSETS</b>   |                |                    |                   |                |               |                   |
| Inventory of stores.....  | 8,504          | 9,065              |                   |                |               | 396,649           |
| Sinking fund on local debentures...                                   |                |                    |                   |                |               |                   |
| Miscellaneous.....  | 404            | 33,136             |                   | 1,500          | 60            | 128,267           |
| Total other assets.....   | 8,908          | 42,201             |                   | 1,500          | 60            | 524,916           |
| Equity in Ontario Hydro Systems....                                   | 163,047        | 19,880             | 37,682            | 149,972        | 21,255        | 17,126,400        |
| <b>Total.....</b>   | <b>348,616</b> | <b>1,313,105</b>   | <b>69,737</b>     | <b>289,592</b> | <b>63,547</b> | <b>35,248,925</b> |
| <b>LIABILITIES</b>  |                |                    |                   |                |               |                   |
| Debentures outstanding.....   |                | 1,118,000          |                   |                |               | 1,373,574         |
| Accounts payable.....   | 59             | 41,488             | 3                 | 349            | 173           | 741,425           |
| Other.....  | 167            | 56,305             | 498               | 10             |               | 348,668           |
| Total liabilities.....  | 226            | 1,215,793          | 501               | 359            | 173           | 2,463,667         |
| <b>RESERVES</b>   |                |                    |                   |                |               |                   |
| Equity in Ontario Hydro Systems...                                    | 163,047        | 19,880             | 37,682            | 149,972        | 21,255        | 17,126,400        |
| Other.....  |                |                    |                   |                |               | 261,060           |
| Total reserves.....   | 163,047        | 19,880             | 37,682            | 149,972        | 21,255        | 17,387,460        |
| <b>CAPITAL</b>  |                |                    |                   |                |               |                   |
| Debentures redeemed.....  | 37,400         | 32,000             | 2,750             | 29,162         | 11,238        | 3,564,833         |
| Local sinking fund.....   |                |                    |                   |                |               |                   |
| Accumulated net income invested in<br>plant or held as working funds. | 147,943        | 45,432             | 28,804            | 110,099        | 30,881        | 11,782,943        |
| Contributed capital.....  |                |                    |                   |                |               | 50,022            |
| Total capital.....  | 185,343        | 77,432             | 31,554            | 139,261        | 42,119        | 15,397,798        |
| <b>Total.....</b>   | <b>348,616</b> | <b>1,313,105</b>   | <b>69,737</b>     | <b>289,592</b> | <b>63,547</b> | <b>35,248,925</b> |
| <b>B. OPERATING STATEMENTS</b>  |                |                    |                   |                |               |                   |
| <b>REVENUE</b>  |                |                    |                   |                |               |                   |
| Sales of electric energy.....   | 98,275         | 681,630            | 15,701            | 88,469         | 12,392        | 9,060,933         |
| Other.....  | 5,029          | 35,455             | 365               | 1,316          | 622           | 151,725           |
| <b>Total revenue.....</b>   | <b>103,304</b> | <b>717,085</b>     | <b>16,066</b>     | <b>89,785</b>  | <b>13,014</b> | <b>9,212,658</b>  |
| <b>EXPENSE</b>  |                |                    |                   |                |               |                   |
| Power purchased.....  | 61,484         | 424,019            | 10,548            | 65,138         | 7,515         | 6,316,920         |
| Local generation.....   |                |                    |                   |                |               |                   |
| Operation and maintenance.....  | 9,491          | 34,847             | 434               | 4,818          | 1,321         | 1,072,411         |
| Administration.....   | 8,393          | 69,075             | 1,520             | 6,369          | 861           | 876,739           |
| Fixed charges—interest and principal                                  |                | 98,205             |                   |                |               | 210,882           |
| —depreciation.....  | 7,767          | 52,334             | 1,034             | 4,514          | 1,333         | 593,086           |
| —other.....   |                |                    |                   |                |               |                   |
| <b>Total expense.....</b>   | <b>87,135</b>  | <b>678,480</b>     | <b>13,536</b>     | <b>80,839</b>  | <b>11,030</b> | <b>9,070,038</b>  |
| <b>Net income or net expense.....</b>                                 | <b>16,169</b>  | <b>38,605</b>      | <b>2,530</b>      | <b>8,946</b>   | <b>1,984</b>  | <b>142,620</b>    |
| Number of customers.....  | 826            | 3,770              | 145               | 579            | 412           | 59,263            |



## Statements for the Year Ended December 31, 1966

| Wingham                  | Woodbridge              | Woodstock                  | Woodville              | Wyoming                 | York Twp.                     | Zurich                 | TOTAL                            |
|--------------------------|-------------------------|----------------------------|------------------------|-------------------------|-------------------------------|------------------------|----------------------------------|
| 2,915                    | 2,344                   | 23,828                     | 438                    | 971                     | 127,460                       | 727                    |                                  |
| \$<br>440,479<br>169,677 | \$<br>238,364<br>81,530 | \$<br>3,248,330<br>982,810 | \$<br>52,706<br>11,836 | \$<br>103,842<br>31,637 | \$<br>10,669,955<br>3,517,784 | \$<br>77,747<br>10,006 | \$<br>654,128,175<br>164,122,993 |
| 270,802                  | 156,834                 | 2,265,520                  | 40,870                 | 72,205                  | 7,152,171                     | 67,741                 | 490,005,182                      |
| 37,028                   | 27,261                  | 86,096                     | 7,800                  | 5                       | 408,611                       | 10,198                 | 12,138,312                       |
| .....                    | 45,000                  | 50,000                     | .....                  | .....                   | 650,000                       | .....                  | 19,530,448                       |
| 64,669                   | 24,725                  | .....                      | .....                  | 9,260                   | 554,000                       | .....                  | 9,515,323                        |
| 1,072                    | 1,488                   | 38,660                     | 359                    | 132                     | 322,024                       | 218                    | 23,415,599                       |
| 102,769                  | 98,474                  | 174,756                    | 8,159                  | 9,397                   | 1,934,635                     | 10,416                 | 64,599,682                       |
| 15,743                   | .....                   | 3,480                      | .....                  | 1,060                   | 106,074                       | .....                  | 14,192,035                       |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 9,073,286                        |
| .....                    | 10,690                  | 10,396                     | .....                  | 25                      | 17,787                        | 1,944                  | 10,162,656                       |
| 15,743                   | 10,690                  | 13,876                     | .....                  | 1,085                   | 123,861                       | 1,944                  | 33,427,977                       |
| 312,810                  | 259,873                 | 2,507,402                  | 36,453                 | 55,278                  | 6,674,523                     | 69,429                 | 406,329,792                      |
| <b>702,124</b>           | <b>525,871</b>          | <b>4,961,554</b>           | <b>85,482</b>          | <b>137,965</b>          | <b>15,885,190</b>             | <b>149,530</b>         | <b>994,362,633</b>               |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 97,299,929                       |
| 15,741                   | 1,183                   | 21,295                     | 22                     | 8,674                   | 339,270                       | .....                  | 21,534,264                       |
| 4,215                    | 2,077                   | 23,781                     | 30                     | 413                     | 525,156                       | 340                    | 10,693,822                       |
| 19,956                   | 3,260                   | 45,076                     | 52                     | 9,087                   | 864,426                       | 340                    | 129,528,015                      |
| 312,810                  | 259,873                 | 2,507,402                  | 36,453                 | 55,278                  | 6,674,523                     | 69,429                 | 406,329,792                      |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 1,842,605                        |
| 312,810                  | 259,873                 | 2,507,402                  | 36,453                 | 55,278                  | 6,674,523                     | 69,429                 | 408,172,397                      |
| 81,155                   | 23,835                  | 429,776                    | 5,248                  | 9,700                   | 489,375                       | 5,592                  | 105,895,961                      |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 9,073,286                        |
| 288,203                  | 236,045                 | 1,930,080                  | 43,729                 | 63,169                  | 7,795,185                     | 74,169                 | 323,795,867                      |
| .....                    | 2,858                   | 49,220                     | .....                  | 731                     | 61,681                        | .....                  | 17,897,107                       |
| 369,358                  | 262,738                 | 2,409,076                  | 48,977                 | 73,600                  | 8,346,241                     | 79,761                 | 456,662,221                      |
| <b>702,124</b>           | <b>525,871</b>          | <b>4,961,554</b>           | <b>85,482</b>          | <b>137,965</b>          | <b>15,885,190</b>             | <b>149,530</b>         | <b>994,362,633</b>               |
| 176,767                  | 133,222                 | 1,548,850                  | 17,355                 | 34,509                  | 4,601,771                     | 38,790                 | 292,499,953                      |
| 9,940                    | 7,556                   | 36,047                     | 336                    | 1,309                   | 262,742                       | 364                    | 8,640,589                        |
| <b>186,707</b>           | <b>140,778</b>          | <b>1,584,897</b>           | <b>17,691</b>          | <b>35,818</b>           | <b>4,864,513</b>              | <b>39,154</b>          | <b>301,140,542</b>               |
| 116,298                  | 98,787                  | 1,063,843                  | 9,586                  | 22,584                  | 3,119,646                     | 20,903                 | 201,058,552                      |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 612,063                          |
| 14,176                   | 5,454                   | 106,943                    | 1,995                  | 4,537                   | 337,793                       | 4,052                  | 23,123,145                       |
| 17,560                   | 14,111                  | 113,143                    | 1,549                  | 3,830                   | 592,648                       | 3,863                  | 23,762,160                       |
| .....                    | .....                   | 547                        | .....                  | .....                   | .....                         | .....                  | 11,045,582                       |
| 12,017                   | 10,278                  | 96,936                     | 1,782                  | 3,393                   | 394,360                       | 1,964                  | 19,352,182                       |
| .....                    | .....                   | .....                      | .....                  | .....                   | .....                         | .....                  | 92,300                           |
| <b>160,051</b>           | <b>128,630</b>          | <b>1,381,412</b>           | <b>14,912</b>          | <b>34,344</b>           | <b>4,444,447</b>              | <b>30,782</b>          | <b>279,045,984</b>               |
| <b>26,656</b>            | <b>12,148</b>           | <b>203,485</b>             | <b>2,779</b>           | <b>1,474</b>            | <b>420,066</b>                | <b>8,372</b>           | <b>22,094,558</b>                |
| 1,172                    | 798                     | 7,977                      | 200                    | 401                     | 41,630                        | 317                    | 1,630,255                        |

## STATEMENT "C"

Statement "C" is the schedule of retail rates for residential, commercial, and industrial power service in the municipal distribution systems receiving power from the Commission.

### **Rate Schedules in Effect**

Under normal or standard residential service, charges are calculated on specified blocks of kilowatt-hours per month at designated rates for each block. The account rendered is subject to a minimum monthly charge, and while accounts in some municipalities are calculated at net rates, the majority are subject to a prompt-payment discount of 10 per cent. For comparative purposes net monthly bills are shown for metered energy consumptions of 250, 500, and 750 kilowatt-hours, subject to the qualifications in the following paragraph.

Water heating service may be provided either at a special flat-rate monthly charge, or through the regular metered service. The net monthly bills are calculated in Statement "C" at metered rates. A "w" opposite the rate of the third block of 500 kilowatt-hours for certain municipalities indicates that that block is available only to customers with an approved water heater supplied through the regular service meter. In these municipalities flat-rate service for water heating is not generally available to new applicants for residential service. House-heating energy may be segregated from the standard service and billed at a separate house-heating rate, or, as indicated in the table, it may be optionally included with the normal household service and billed at the regular residential rate. Where a low all-electric rate is in effect, house-heating energy would, of course, be included with the water-heating and basic household energy, the entire service being billed at this special rate.

Commercial rates are applicable to all electrical service supplied to stores, offices, churches, schools, public buildings, institutions, hospitals, hotels, restaurants, service stations, and other premises used for commercial purposes. The commercial rates are also used for billing sign and display lighting. In many municipalities, commercial-type customers having connected loads of under five kilowatts are billed at residential rates. Rates for industrial power service to customers of the municipal systems provide for 24-hour unrestricted delivery at secondary distribution voltage. These rates, however, are not applicable to the Commission's direct industrial customers.

In 1966, a new general rate was introduced for application both to commercial and to power service customers. The use of a descending block-energy rate for smaller loads, together with a demand charge per kilowatt for larger loads, permits flexibility in design, and enables customers to take advantage of the benefits of scale by using more energy at the lower block rates. At the same time, it results in a relatively smooth adjustment in charges over the whole range of customer loads. The introduction of the general rate, which is more readily understood by the customer, also contributes towards rate simplification by greatly reducing the number of rate classifications required.

Commercial and industrial power service bills are based on a monthly demand rate (with a minimum for commercial service) applied to the customer's billing demand, plus energy charges for specified blocks of kilowatt-hours used, the size of the blocks varying in accordance with the customer's billing demand. All additional energy is billed at the end rate per kilowatt-hour. The accounts for all municipalities, except those marked (N) as calculated at net rates, are subject to a prompt-payment discount of 10 per cent. The net monthly bills shown for commercial and industrial power service are calculated on the basis of a demand of one kilowatt for a use per month of 200 and 300 hours. The corresponding bill for a demand of 10 kilowatts would be ten times the amounts shown, for 20 kilowatts twenty times the amounts shown, and so on.

### STATEMENT "D"

Statement "D" records revenue, consumption, number of customers, average consumption per customer, and average cost per kilowatt-hour for each of the three main classes of service in all the municipal systems served. The revenue and consumption from house heating and the use of flat-rate water heaters are included in the totals shown, the flat-rate water-heater kilowatt-hours being estimated on the basis of 16.8 hours' use per day.

The average cost per kilowatt-hour is the average cost to the customer, that is the average revenue per kilowatt-hour received by the utility. Such a statistical average does not represent the utility's actual cost of delivering one kilowatt-hour. However, a comparison of this average over a number of years is some indication of the trend of cost in any one municipality, and the trend in all municipal systems combined may be seen in the table on page 156 and the graphs on page 157. Other things being equal, the average cost per kilowatt-hour would rise with an increase in rates. The normal trend, however, is for consumption per customer to increase, and residential customers in particular are using an ever-widening variety of electrical appliances, including fast-recovery water heaters. This increased use, since it is billed at the low rates usually applicable to higher-consumption blocks of kilowatt-hours, is frequently reflected in a lower average cost per kilowatt-hour.

For industrial power service customers, the relationship between demand (kilowatts required) and energy (kilowatt-hours of use) is an important factor in establishing the customer's average cost per kilowatt-hour. The use of the demand for only a few hours will result in a relatively small total bill but a high average cost per kilowatt-hour; the use of the same demand for several hours will increase the total bill but substantially reduce the average cost per kilowatt-hour. In other words, the average cost per kilowatt-hour varies inversely with the customer's load factor.



# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                   | Flat-Rate Water Heating<br>per 100 Watts<br>or<br>Schedule Number | RESIDENTIAL SERVICE                  |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|-------------------|---|--------------------------------------|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                   |   | House Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                   |   |                                      |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                   | ¢   | ¢                                    | ¢  |  | ¢                     | ¢               | ¢               | ¢                       | \$                              | \$                      | \$      | \$      |
| Acton.....        | 41  | Ø                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.1     |
| Ailsa Craig.....  | 45  | Ø                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.39                            | 3.51                    | 5.31    | 7.1     |
| Ajax.....         | 37  | 1.2                                  | 1.1                                      | 50                                       | 3.4                   | 1.7             | ...             | 1.0                     | 1.70                            | 4.59                    | 6.84    | 9.0     |
| Alexandria.....   | 45  | Ø                                    | ..                                       | 50                                       | 2.8                   | 1.3             | w0.7            | 1.1                     | 1.67                            | 3.60                    | 5.17    | 6.7     |
| Alfred.....       | 42  | 1.2                                  | 1.1                                      | 50                                       | 3.2                   | 1.6             | 0.9             | 1.3                     | 1.11                            | 4.32                    | 6.34    | 8.3     |
| Alliston.....     | 40  | 1.1                                  | 1.1                                      | 60                                       | 3.1                   | ...             | ...             | 1.0                     | 1.11                            | 3.38                    | 5.63    | 7.8     |
| Almonte.....      | 35  | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | w0.8            | 1.1                     | 1.40                            | 3.78                    | 5.58    | 7.3     |
| Alvinston.....    | 45  | □                                    | ..                                       | 50                                       | 3.5                   | 1.6             | w0.8            | 1.1                     | 1.39                            | 4.45                    | 6.25    | 8.0     |
| Amherstburg.....  | 38  | □                                    | 1.1                                      | 50                                       | 3.0                   | 1.4             | 0.8             | 1.1                     | 1.67                            | 3.87                    | 5.67    | 7.4     |
| Ancaster Twp..... | 43  | Ø                                    | 1.1                                      | 50                                       | 4.2                   | 2.1             | w0.7            | 1.1                     | 2.22                            | 5.67                    | 7.24    | 8.8     |
| Apple Hill.....   | 56  | ..                                   | ..                                       | 60                                       | 4.0                   | ...             | ...             | 1.0                     | 1.39                            | 3.87                    | 6.12    | 8.3     |
| Arkona.....       | 45  | Ø                                    | ..                                       | 50                                       | 3.2                   | 1.6             | w0.8            | 1.1                     | 1.11                            | 4.32                    | 6.12    | 7.9     |
| Arnprior.....     | 37  | 1.2                                  | 1.1                                      | 50                                       | 2.6                   | 1.3             | ...             | 0.8                     | 1.39                            | 3.51                    | 5.31    | 7.1     |
| Arthur.....       | 42  | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.3     |
| Athens.....       | 41  | □                                    | ..                                       | 50                                       | 2.4                   | 1.2             | w0.7            | 1.1                     | 1.20                            | 3.24                    | 4.81    | 6.3     |
| Atikokan Twp..... | 40  | □                                    | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.9            | 1.1                     | 1.70                            | 4.59                    | 6.61    | 8.6     |
| Aurora.....       | 37  | 1.1                                  | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.1                     | 1.50                            | 4.05                    | 5.85    | 7.6     |
| Avonmore.....     | 40  | Ø                                    | ✦  | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 2.00                            | 5.40                    | 7.20    | 9.0     |
| Aylmer.....       | 36  | Ø                                    | ..                                       | 50                                       | 2.6                   | 1.2             | 0.8             | 1.1                     | 1.67                            | 3.33                    | 5.13    | 6.9     |
| Ayr.....          | 44  | 1.1                                  | 1.1                                      | 60                                       | 2.9                   | ...             | ...             | 1.0                     | 1.11                            | 3.28                    | 5.53    | 7.7     |
| Baden.....        | 40  | □                                    | 1.1                                      | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.3     |
| †Bala.....        | 41  | 1.22                                 | ..                                       | 50                                       | 4.4                   | 2.2             | w0.8            | 1.2                     | 3.33                            | 5.94                    | 7.74    | 9.3     |
| Bancroft.....     | 46  | Ø                                    | 1.1                                      | 50                                       | 3.5                   | 1.4             | w0.8            | 1.1                     | 1.75                            | 4.09                    | 5.89    | 7.6     |
| Barrie.....       | 38  | 1.1                                  | 1.1                                      | 50                                       | 4.0                   | ...             | ...             | 1.0                     | 2.00                            | 3.60                    | 5.85    | 8.1     |
| Barry's Bay.....  | 42  | Ø                                    | ..                                       | 50                                       | 2.6                   | 1.3             | w0.8            | 1.1                     | 1.67                            | 3.51                    | 5.31    | 7.1     |
| Bath.....         | 39  | □/1.1                                | ..                                       | 60                                       | 3.5                   | ...             | ...             | 1.2                     | 1.67                            | 3.94                    | 6.64    | 9.0     |
| Beachburg.....    | 39  | Ø                                    | 1.1                                      | 50                                       | 4.0                   | 1.8             | w0.7            | 1.1                     | 2.22                            | 5.04                    | 6.61    | 8.1     |
| Beachville.....   | 42  | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.7             | 1.1                     | 1.67                            | 3.78                    | 5.35    | 6.9     |
| Beamsville.....   | 43  | Ø                                    | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.75                            | 4.59                    | 6.39    | 8.1     |
| †Beardmore.....   | 45  | Ø                                    | ▲  | 50                                       | 4.0                   | 2.0             | w0.9            | 1.2                     | 2.22                            | 5.40                    | 7.42    | 9.6     |
| Beaverton.....    | 40  | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.7             | 1.1                     | 1.39                            | 3.51                    | 5.08    | 6.6     |
| Beeton.....       | 40  | Ø                                    | ..                                       | 50                                       | 3.2                   | 1.1             | w0.7            | 1.1                     | 1.67                            | 3.42                    | 4.99    | 6.3     |
| Belle River.....  | 42  | □                                    | 1.1                                      | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 2.22                            | 4.86                    | 6.66    | 8.4     |
| Belleville.....   | 32  | Ø                                    | 1.1                                      | 50                                       | 3.2                   | 1.3             | w0.8            | 1.1                     | 1.95                            | 3.78                    | 5.58    | 7.3     |
| Belmont.....N 10% | 44  | Ø                                    | 1.0                                      | 50                                       | 4.0                   | 1.4             | w0.7            | 1.0                     | 2.00                            | 4.80                    | 6.55    | 8.3     |
| Blenheim.....     | 44  | 1.1                                  | ..                                       | 50                                       | 3.0                   | 1.5             | ...             | 0.9                     | 1.11                            | 4.05                    | 6.07    | 8.1     |
| †Blind River..... | 45  | 1.22                                 | ..                                       | 50                                       | 3.8                   | 1.9             | w0.8            | 1.1                     | 1.39                            | 5.13                    | 6.93    | 8.3     |
| Bloomfield.....   | 42  | Ø                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.1     |
| Blyth.....        | 45  | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.3     |
| Bobcaygeon.....   | 42  | Ø                                    | 1.2                                      | 50                                       | 4.0                   | 1.7             | w0.8            | 1.2                     | 2.22                            | 4.86                    | 6.66    | 8.3     |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.  
For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
 minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |   |                           |           |           |   |      |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|---|---------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kwh | Space Heating per Kwh<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand |   |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                               |  | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          | First<br>Block<br>Hours' Use<br>50 100                 | Second<br>Block<br>Hours' Use<br>50 100 | All Addi-<br>tional Hours |           |           |   |      |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          |  |   |                           | 200 Hours | 300 Hours |   |      |
| ¢                             | ¢  | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢  | ¢                                       | ¢                         | ¢         | ¢         | \$  | \$   |
| ...                           | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 2.1                                     | ..                        | 0.5       | 0.33      | 3.24  | 3.54 |
| ...                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.2                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.4                                     | ..                        | 0.5       | 0.33      | 2.61  | 2.91 |
| 1.1                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.3                           | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                           | 1.5  | 2.6  | ...               | 1.0                       | 3.69  | 4.59      | 1.20                     | 1.9  | ..                                      | 1.3                       | ..        | 0.30      | 2.79  | 3.06 |
| 1.1                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ..   | 1.2                                     | ..                        | 0.5       | 0.33      | 2.43  | 2.73 |
| ...                           | ...  | °3.2   | 0.8               | 0.5                       | 4.05  | 4.50      | 1.00                     | ..   | 2.7                                     | ..                        | 0.5       | 0.33      | 3.78  | 4.08 |
| 1.1                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                           | 1.5  | °3.6   | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..   | 2.7                                     | ..                        | 0.5       | 0.33      | 3.78  | 4.08 |
| ...                           | 1.5  | 3.5  | ...               | 1.0                       | 4.50  | 5.40      | 1.35                     | 2.8  | ..                                      | 1.8                       | ..        | 0.33      | 3.58  | 3.88 |
| ...                           | 1.5  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..   | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.0                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.1                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.8                                     | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| ...                           | 1.5  | °1.9   | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..   | 1.5                                     | ..                        | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.5                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| ...                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| ...                           | 1.5  | 2.4  | ...               | 0.9                       | 3.42  | 4.23      | 1.20                     | 2.1  | ..                                      | 1.4                       | ..        | 0.30      | 2.92  | 3.19 |
| ...                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.6                           | 1.5  | 4.2  | 0.8               | 0.5                       | 4.95  | 5.40      | 1.00                     | ..   | 2.7                                     | ..                        | 0.5       | 0.33      | 3.78  | 4.08 |
| 1.1                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.0                           | 1.5  | °2.0   | ...               | 0.8                       | 2.97  | 3.69      | 1.00                     | 1.4  | ..                                      | 0.9                       | ..        | 0.25      | 2.16  | 2.38 |
| ...                           | 1.5  | °1.9   | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..   | 1.4                                     | ..                        | 0.5       | 0.33      | 2.61  | 2.91 |
| ...                           | ...  | 3.0  | ...               | 1.2                       | 4.23  | 5.31      | 1.35                     | 3.5  | ..                                      | 2.3                       | ..        | 0.33      | 4.12  | 4.42 |
| ...                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.5                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.2                           | 1.5  | °3.7   | 0.8               | 0.5                       | 4.50  | 4.95      | 1.00                     | ..   | 2.8                                     | ..                        | 0.5       | 0.33      | 3.87  | 4.17 |
| ...                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.5                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| ...                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.22                          | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                           | 1.35   | °2.6   | 0.7               | 0.45                      | 3.80  | 4.25      | 1.00                     | ..   | 2.1                                     | ..                        | 0.5       | 0.30      | 3.60  | 3.90 |
| 1.2                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.1                           | 1.5  | °3.6   | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..   | 2.7                                     | ..                        | 0.5       | 0.33      | 3.78  | 4.08 |
| ...                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                           | ...  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.5                           | 1.5  | °3.3   | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | ..   | 2.6                                     | ..                        | 0.5       | 0.33      | 3.69  | 3.99 |

# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                          | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                     |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|--------------------------|--|---|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                          |  | House<br>Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                          |  |   |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
| Bolton.....              | 45   | ☒                                       | 1.1                                      | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 2.00                            | 5.40                    | 7.20    | 9.00    |
| Bothwell.....            | 45   | ☐                                       | ..                                       | 50                                       | 2.6                   | 1.3             | w0.7            | 1.1                     | 0.83                            | 3.51                    | 5.08    | 6.66    |
| Bowmanville.....         | 35   | ..                                      | 1.1                                      | 50                                       | 3.0                   | 1.2             | w0.7            | 1.1                     | 1.50                            | 3.51                    | 5.08    | 6.66    |
| Bracebridge.....         | 39   | ☐                                       | ..                                       | 60                                       | 3.0                   | ..              | ..              | 1.2                     | 0.83                            | 3.67                    | 6.37    | 9.07    |
| Bradford.....            | 40   | ☒                                       | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.39                            | 3.78                    | 5.58    | 7.38    |
| Braeside.....            | 36   | ☒                                       | 1.1                                      | 50                                       | 2.6                   | 1.3             | ..              | 1.1                     | 0.83                            | 3.51                    | 5.98    | 8.46    |
| Brampton..... N 10%      | 37   | ☒                                       | 1.0                                      | 50                                       | 5.0                   | 1.3             | w0.6            | 1.0                     | 2.50                            | 5.10                    | 6.60    | 8.10    |
| Brantford.....           | 41   | ☐                                       | ..                                       | 60                                       | 2.2                   | 1.2             | w0.8            | 1.2                     | 0.83                            | 3.24                    | 5.08    | 6.88    |
| §Brantford Twp.....      | 42   | ☒                                       | 1.1                                      | 50                                       | 3.8                   | 1.8             | w0.8            | 1.1                     | 1.67                            | 4.95                    | 6.75    | 8.55    |
| Brechin.....             | 40   | ☒                                       | ..                                       | 50                                       | 2.2                   | 1.1             | 0.7             | 1.1                     | 1.11                            | 2.97                    | 4.54    | 6.12    |
| Bridgeport.....          | 45   | ☒                                       | 1.1                                      | 50                                       | 4.0                   | 1.6             | w0.8            | 1.1                     | 2.00                            | 4.68                    | 6.48    | 8.28    |
| Brigden.....             | 45   | ☐                                       | ..                                       | 50                                       | 2.6                   | 1.1             | w0.7            | 1.1                     | 1.11                            | 3.15                    | 4.72    | 6.30    |
| Brighton.....            | 42   | 1.1                                     | ..                                       | 50                                       | 3.0                   | 1.4             | w0.7            | 1.0                     | 1.50                            | 3.87                    | 5.44    | 7.02    |
| Brockville.....          | 38   | 1.1                                     | 1.1                                      | 50                                       | 2.9                   | 1.4             | w0.8            | 1.1                     | 1.45                            | 3.82                    | 5.62    | 7.42    |
| Brussels.....            | 45   | ☐                                       | 1.2                                      | 50                                       | 3.2                   | 1.6             | 0.9             | 1.3                     | 1.39                            | 4.32                    | 6.34    | 8.37    |
| Burford.....             | 43   | ☒                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.1                     | 1.11                            | 4.05                    | 6.07    | 8.10    |
| Burgessville.....        | 43   | ☒                                       | 1.1                                      | 50                                       | 4.0                   | 1.1             | w0.8            | 1.1                     | 2.00                            | 3.78                    | 5.58    | 7.38    |
| Burk's Falls.....        | 45   | ☐                                       | 1.1                                      | 50                                       | 3.4                   | 1.4             | w0.9            | 1.1                     | 1.67                            | 4.05                    | 6.07    | 8.10    |
| §Burlington.....         | 42   | ☐                                       | 1.1                                      | 50                                       | 4.0                   | 1.8             | w0.8            | 1.1                     | 2.00                            | 5.04                    | 6.84    | 8.64    |
| Cache Bay.....           | 43   | ☐                                       | ..                                       | 50                                       | 3.0                   | 1.3             | w0.8            | 1.1                     | 1.67                            | 3.69                    | 5.49    | 7.29    |
| §Caledonia.....          | 45   | ☒                                       | ..                                       | 50                                       | 2.7                   | 1.3             | w0.8            | 1.1                     | 2.00                            | 3.55                    | 5.35    | 7.15    |
| Campbellford.....        | 35   | ☒                                       | ..                                       | 50                                       | 1.7                   | 1.1             | 0.5             | 1.0                     | 1.67                            | 2.74                    | 3.87    | 4.99    |
| Campbellville..... N 10% | 45   | ..                                      | 1.0                                      | 50                                       | 3.5                   | 1.5             | w0.7            | 1.0                     | 1.75                            | 4.75                    | 6.50    | 8.25    |
| Cannington.....          | 42   | 1.1                                     | ..                                       | 50                                       | 3.2                   | 1.1             | w0.7            | 1.0                     | 1.67                            | 3.42                    | 4.99    | 6.57    |
| §Capreol.....            | 43   | ☒                                       | ..                                       | 50                                       | 3.2                   | 1.3             | w0.8            | 1.1                     | 2.25                            | 3.78                    | 5.58    | 7.38    |
| Cardinal.....            | 40   | ☐                                       | ..                                       | 50                                       | 2.6                   | 1.3             | w0.8            | 1.1                     | 1.30                            | 3.51                    | 5.31    | 7.11    |
| Carleton Place.....      | 39   | ☒                                       | ..                                       | 50                                       | 3.2                   | 1.6             | ..              | 1.1                     | 1.11                            | 4.32                    | 6.79    | 9.27    |
| Casselman.....           | 38   | ☒                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.70                            | 4.05                    | 5.85    | 7.65    |
| Cayuga.....              | 45   | ☐                                       | 1.1                                      | 50                                       | 3.4                   | 1.7             | 0.8             | 1.1                     | 2.00                            | 4.59                    | 6.39    | 8.19    |
| Chalk River.....         | 40   | ☒                                       | 1.1                                      | 50                                       | 3.6                   | 1.6             | w0.7            | 1.1                     | 1.80                            | 4.50                    | 6.07    | 7.65    |
| Chapleau Twp. N 10%      | 45   | ☒                                       | ♦  | 50                                       | 5.0                   | 2.5             | w0.9            | 1.2                     | 2.50                            | 7.50                    | 9.75    | 12.00   |
| Chatham..... N 10%       | 38   | ☒                                       | 1.0                                      | 50                                       | 4.0                   | 1.5             | ..              | 1.0                     | 2.00                            | 5.00                    | 7.50    | 10.00   |
| Chatsworth.....          | 46   | 1.1                                     | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.39                            | 3.78                    | 5.58    | 7.38    |
| Chesley..... N 10%       | 38   | ☒                                       | ..                                       | 50                                       | 2.4                   | 1.0             | w0.6            | 1.0                     | 1.20                            | 3.20                    | 4.70    | 6.20    |
| Chesterville.....        | 41   | ☒                                       | ..                                       | 50                                       | 2.8                   | 1.3             | w0.7            | 1.1                     | 1.40                            | 3.60                    | 5.17    | 6.75    |
| Chippawa.....            | 42   | ☒                                       | 1.1                                      | 50                                       | 3.2                   | 1.6             | w0.8            | 1.1                     | 1.67                            | 4.32                    | 6.12    | 7.92    |
| Clifford.....            | 45   | ☐                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.39                            | 4.05                    | 6.07    | 8.16    |
| Clinton.....             | 41   | ☐                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.10    |
| †Cobalt.....             | 42   | ☒                                       | ♦  | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 1.39                            | 5.40                    | 7.20    | 9.00    |
| Cobden.....              | 36   | 1.1                                     | ..                                       | 50                                       | 2.0                   | 1.0             | 0.7             | 1.0                     | 1.67                            | 2.70                    | 4.27    | 5.85    |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.  
For explanatory notes and water-heating schedules see pages 234 and 235.



## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
 and minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |   |                           |   |           |      |      |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|---|---------------------------|---|-----------|------|------|
| Commercial Cooking<br>per Kwh | Space Heating per Kwh<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand |   |                           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |           |      |      |
|                               |  | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          |  |   |                           |   |           |      |      |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          | First<br>Block<br><br>Hours' Use<br>50 100             | Second<br>Block<br><br>Hours' Use<br>50 100 | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |      |      |
| ¢                             | ¢  | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢  | ¢   | ¢                         | ¢   | \$        | \$   |      |
| 1.3                           | 1.5  | ¢3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.1   | ..                        | 0.5   | 0.33      | 3.24 | 3.54 |
| ...                           | 1.5  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7   | ..                        | 0.5   | 0.33      | 2.88 | 3.18 |
| ...                           | 1.5  | ¢1.7   | 0.8               | 0.5                       | 2.70  | 3.15      | 1.00                     | ..   | 1.2   | ..                        | 0.5   | 0.33      | 2.43 | 2.73 |
| 1.2                           | 1.5  | 2.0  | ...               | 1.0                       | 3.15  | 4.05      | 1.20                     | 1.4  | ...   | 0.9                       | ...   | 0.30      | 2.38 | 2.65 |
| 1.1                           | 1.5  | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| ...                           | 1.5  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7   | ..                        | 0.5   | 0.33      | 2.88 | 3.18 |
| 1.2                           | 1.35   | ¢2.2   | 0.7               | 0.4                       | 3.40  | 3.80      | 1.00                     | ..   | 1.6   | ..                        | 0.5   | 0.30      | 3.10 | 3.40 |
| ...                           | 1.5  | 1.8  | ...               | 0.7                       | 2.70  | 3.33      | 1.20                     | 1.4  | ...   | 0.9                       | ...   | 0.30      | 2.38 | 2.65 |
| 1.1                           | 1.5  | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| ...                           | 1.5  | ¢1.7   | 0.8               | 0.5                       | 2.70  | 3.15      | 1.00                     | ..   | 1.2   | ..                        | 0.5   | 0.33      | 2.43 | 2.73 |
| 1.2                           | 1.5  | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.9   | ..                        | 0.5   | 0.33      | 3.06 | 3.36 |
| 1.1                           | 1.5  | ¢2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| 1.0                           | 1.5  | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| 1.1                           | ...  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.2   | ..                        | 0.5   | 0.33      | 2.43 | 2.73 |
| ...                           | 1.5  | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 2.3   | ..                        | 0.5   | 0.33      | 3.42 | 3.72 |
| 1.2                           | 1.5  | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| ...                           | 1.5  | ¢3.5   | 0.8               | 0.5                       | 4.32  | 4.77      | 1.00                     | ..   | 2.9   | ..                        | 0.5   | 0.33      | 3.96 | 4.26 |
| 1.4                           | 1.5  | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.9   | ..                        | 0.5   | 0.33      | 3.06 | 3.36 |
| 1.1                           | 1.5  | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| 1.1                           | 1.5  | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.5   | ..                        | 0.5   | 0.33      | 2.70 | 3.00 |
| 1.1                           | 1.5  | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2   | ..                        | 0.5   | 0.33      | 3.33 | 3.63 |
| ...                           | 1.5  | ¢1.2   | 0.8               | 0.5                       | 2.25  | 2.70      | 1.00                     | ..   | 0.7   | ..                        | 0.5   | 0.33      | 1.98 | 2.28 |
| 1.2                           | 1.35   | ¢2.5   | 0.7               | 0.45                      | 3.70  | 4.15      | 1.00                     | ..   | 2.0   | ..                        | 0.5   | 0.30      | 3.50 | 3.80 |
| 1.1                           | 1.5  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7   | ..                        | 0.5   | 0.33      | 2.88 | 3.18 |
| ...                           | 1.5  | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 2.3   | ..                        | 0.5   | 0.33      | 3.42 | 3.72 |
| ...                           | 1.5  | ¢2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| ...                           | 1.5  | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| 1.3                           | 1.5  | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| ...                           | 1.5  | ¢3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.5   | ..                        | 0.5   | 0.33      | 3.60 | 3.90 |
| 1.1                           | 1.5  | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.7   | ..                        | 0.5   | 0.33      | 2.88 | 3.18 |
| 1.3                           | 1.35   | ¢4.5   | 0.8               | 0.5                       | 5.80  | 6.30      | 1.00                     | ..   | 4.0   | ..                        | 0.8   | 0.50      | 5.80 | 6.30 |
| 1.2                           | 1.35   | 3.3  | 1.0               | 0.45                      | 4.80  | 5.25      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.35      | 3.30 | 3.65 |
| ...                           | 1.5  | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 2.0   | ..                        | 0.5   | 0.33      | 3.15 | 3.45 |
| 1.1                           | 1.35   | 1.7  | 0.7               | 0.45                      | 2.90  | 3.35      | 1.00                     | ..   | 1.1   | ..                        | 0.5   | 0.30      | 2.60 | 2.90 |
| ...                           | 1.5  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.8   | ..                        | 0.5   | 0.33      | 2.97 | 3.27 |
| 1.4                           | 1.5  | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 1.7   | ..                        | 0.5   | 0.33      | 2.88 | 3.18 |
| 1.2                           | ...  | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2   | ..                        | 0.5   | 0.33      | 3.33 | 3.63 |
| ...                           | 1.5  | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 2.0   | ..                        | 0.5   | 0.33      | 3.15 | 3.45 |
| 1.1                           | 1.5  | ¢3.6   | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..   | 2.4   | ..                        | 0.5   | 0.33      | 3.51 | 3.81 |
| ...                           | ...  | ¢1.9   | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..   | 1.3   | ..                        | 0.5   | 0.33      | 2.52 | 2.82 |

# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                     |    | Flat-Rate Water Heating<br>per 100 Watts<br>or<br>Schedule Number | RESIDENTIAL SERVICE                     |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|---------------------|----|---|---|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                     |    |   | House<br>Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                     |    |   |   |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                     |    |   |   |  |  |                       |                 |                 |                         |                                 |                         |         |         |
| Cobourg .....       | 41 | ☒   | ..                                      | 50                                       | 2.6                                      | 1.3                   | 0.8             | 1.1             | \$ 1.11                 | \$ 3.51                         | \$ 5.31                 | \$ 7.11 |         |
| Cochrane .....      | 35 | ☒   | 1.0                                     | 50                                       | 3.2                                      | 1.5                   | ...             | 1.0             | 1.60                    | 4.60                            | 7.10                    | 9.60    |         |
| Colborne .....      | 43 | 1.1   | ..                                      | 60                                       | 3.8                                      | ...                   | ...             | 1.0             | 0.83                    | 3.76                            | 6.01                    | 8.26    |         |
| Coldwater .....     | 40 | 1.1   | ..                                      | 50                                       | 2.6                                      | 1.3                   | 0.7             | 1.0             | 1.11                    | 3.51                            | 5.08                    | 6.66    |         |
| Collingwood .....   | 41 | ☐   | ..                                      | 50                                       | 2.4                                      | 1.2                   | 0.7             | 1.1             | 1.11                    | 3.24                            | 4.81                    | 6.39    |         |
| Comber .....        | 45 | ☒   | 1.1                                     | 50                                       | 3.0                                      | 1.5                   | 0.9             | 1.1             | 1.11                    | 4.05                            | 6.07                    | 8.10    |         |
| Coniston .....      | 42 | ☒   | 1.1                                     | 50                                       | 3.2                                      | 1.3                   | w0.7            | 1.1             | 2.22                    | 3.78                            | 5.35                    | 6.93    |         |
| Cookstown .....     | 45 | ☒   | ..                                      | 50                                       | 2.6                                      | 1.1                   | w0.7            | 1.1             | 1.67                    | 3.15                            | 4.72                    | 6.30    |         |
| Cottam .....        | 41 | ☒   | ..                                      | 50                                       | 2.8                                      | 1.4                   | 0.8             | 1.1             | 1.11                    | 3.78                            | 5.58                    | 7.38    |         |
| Courtright .....    | 45 | ☒   | 1.1                                     | 50                                       | 4.0                                      | 2.0                   | w0.8            | 1.1             | 2.22                    | 5.40                            | 7.20                    | 9.00    |         |
| Creemore .....      | 44 | ☒   | ..                                      | 50                                       | 2.5                                      | 1.1                   | w0.6            | 1.0             | 1.25                    | 3.45                            | 4.95                    | 6.45    |         |
| Dashwood .....      | 45 | 1.2   | 1.2                                     | 50                                       | 3.6                                      | 1.8                   | 1.1             | 1.5             | 1.11                    | 4.86                            | 7.33                    | 9.81    |         |
| Deep River .....    | 40 | 1.1   | 1.1                                     | 50                                       | 3.4                                      | 1.4                   | ...             | 0.9             | 1.67                    | 4.05                            | 6.07                    | 8.10    |         |
| Delaware .....      | 44 | ☒   | ..                                      | 50                                       | 4.0                                      | 1.7                   | w0.8            | 1.1             | 2.00                    | 4.86                            | 6.66                    | 8.46    |         |
| Delhi .....         | 43 | ☐   | ..                                      | 50                                       | 2.6                                      | 1.3                   | 0.8             | 1.1             | 1.11                    | 3.51                            | 5.31                    | 7.11    |         |
| Deseronto .....     | 44 | ☒   | 1.0                                     | 50                                       | 3.0                                      | 1.2                   | w0.7            | 1.0             | 1.50                    | 3.90                            | 5.65                    | 7.40    |         |
| Dorchester .....    | 43 | ☐   | ..                                      | 50                                       | 2.8                                      | 1.4                   | 0.8             | 1.1             | 0.83                    | 3.78                            | 5.58                    | 7.38    |         |
| Drayton .....       | 44 | ☐   | 1.2                                     | 50                                       | 3.4                                      | 1.7                   | 1.0             | 1.4             | 1.11                    | 4.59                            | 6.84                    | 9.09    |         |
| Dresden .....       | 44 | ☐   | ..                                      | 50                                       | 3.0                                      | 1.5                   | 0.9             | 1.2             | 1.11                    | 4.05                            | 6.07                    | 8.10    |         |
| Drumbo .....        | 45 | ☐   | ..                                      | 50                                       | 2.8                                      | 1.4                   | 0.8             | 1.1             | 1.11                    | 3.78                            | 5.58                    | 7.38    |         |
| Dryden .....        | 35 | ☐   | ..                                      | 50                                       | 3.8                                      | 1.9                   | w0.7            | 1.1             | 1.90                    | 5.13                            | 6.70                    | 8.28    |         |
| Dublin .....        | 40 | ☒   | 1.1                                     | 50                                       | 2.8                                      | 1.3                   | 0.8             | 1.1             | 1.67                    | 3.60                            | 5.40                    | 7.20    |         |
| Dundalk .....       | 44 | 1.1   | ..                                      | 50                                       | 2.8                                      | 1.4                   | 0.8             | 1.1             | 1.11                    | 3.78                            | 5.58                    | 7.38    |         |
| Dundas .....        | 43 | ..  | 1.1                                     | 50                                       | 3.6                                      | 1.8                   | w0.8            | 1.1             | 1.80                    | 4.86                            | 6.66                    | 8.46    |         |
| Dunnville .....     | 45 | 1.1   | 1.1                                     | 50                                       | 2.8                                      | 1.4                   | ...             | 0.9             | 0.83                    | 3.78                            | 5.80                    | 7.83    |         |
| Durham .....        | 40 | ☒   | ..                                      | 50                                       | 2.8                                      | 1.2                   | w0.7            | 1.0             | 1.40                    | 3.80                            | 5.55                    | 7.30    |         |
| Dutton .....        | 47 | ☒   | ..                                      | 50                                       | 2.8                                      | 1.4                   | 0.8             | 1.1             | 0.83                    | 3.78                            | 5.58                    | 7.38    |         |
| East York Twp. .... | 35 | 1.2   | 1.1                                     | 50                                       | 3.34                                     | 1.3                   | ...             | 0.9             | 1.67                    | 3.84                            | 5.87                    | 7.89    |         |
| Eganville .....     | 41 | ☒   | ..                                      | 50                                       | 3.0                                      | 1.5                   | w0.8            | 1.1             | 1.50                    | 4.05                            | 5.85                    | 7.65    |         |
| †Elk Lake .....     | 42 | 1.22  | ..                                      | 50                                       | 3.6                                      | 1.8                   | w0.8            | 1.1             | 1.39                    | 4.86                            | 6.66                    | 8.46    |         |
| Elmira .....        | 45 | ☐   | 1.1                                     | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 1.39                    | 4.05                            | 5.85                    | 7.65    |         |
| Elmvale .....       | 40 | ☒   | ..                                      | 50                                       | 2.6                                      | 1.3                   | 0.8             | 1.1             | 1.11                    | 3.51                            | 5.31                    | 7.11    |         |
| Elmwood .....       | 39 | 1.1   | ..                                      | 50                                       | 2.6                                      | 1.3                   | 0.7             | 1.0             | 1.11                    | 3.51                            | 5.08                    | 6.66    |         |
| Elora .....         | 44 | ☒   | 1.1                                     | 50                                       | 5.0                                      | 1.8                   | w0.8            | 1.1             | 2.50                    | 5.49                            | 7.29                    | 9.09    |         |
| Embro .....         | 44 | ☒   | ..                                      | 60                                       | 3.3                                      | ...                   | ...             | 1.1             | 0.83                    | 3.66                            | 6.14                    | 8.61    |         |
| Embrun .....        | 39 | ☒   | +                                       | 50                                       | 4.0                                      | 1.8                   | w0.7            | 1.0             | 2.00                    | 5.60                            | 7.35                    | 9.10    |         |
| †Englehart .....    | 42 | ☒   | +                                       | 50                                       | 4.0                                      | 2.0                   | w0.8            | 1.1             | 1.39                    | 5.40                            | 7.20                    | 9.00    |         |
| Erieau .....        | 45 | 1.2   | ..                                      | 50                                       | 2.8                                      | 1.4                   | ...             | 0.8             | 2.22                    | 3.78                            | 5.58                    | 7.38    |         |
| Erie Beach .....    | 45 | 1.1   | ..                                      | 50                                       | 4.0                                      | 2.0                   | ...             | 1.1             | 2.78                    | 5.40                            | 7.87                    | 10.35   |         |
| Erin .....          | 40 | ☐   | ..                                      | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 1.39                    | 4.05                            | 5.85                    | 7.65    |         |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.  
For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

Free subject to 10% prompt payment discount  
 Minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |   |                           |           |           |   |    |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|---|---------------------------|-----------|-----------|---|----|
| Commercial Cooking<br>per Kwh | Space Heating per Kwh<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand |   |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |    |
|                               |  | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          | First<br>Block<br>Hours' Use<br>50 100                 | Second<br>Block<br>Hours' Use<br>50 100 | All Addi-<br>tional Hours |           |           |   |    |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          |  |   |                           | 200 Hours | 300 Hours |   |    |
| ¢                             | ¢  | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢  | ¢                                       | ¢                         | ¢         | ¢         | \$  | \$ |
| 1.1                           | 1.5  | 2.0  | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | 1.2  | 0.5                                     | 0.33                      | 2.43      | 2.73      |   |    |
| 1.35                          | 1.5  | 2.6  | 0.7               | 0.45                      | 3.80  | 4.25      | 1.00                     | 1.6  | 0.5                                     | 0.30                      | 3.10      | 3.40      |   |    |
| 1.5                           | 1.5  | 3.0  | ...               | 1.0                       | 4.05  | 4.95      | 1.35                     | 2.8  | 1.8                                     | 0.33                      | 3.58      | 3.88      |   |    |
| 1.5                           | 1.5  | 2.1  | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | 1.6  | 0.5                                     | 0.33                      | 2.79      | 3.09      |   |    |
| 1.5                           | 1.5  | 1.9  | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | 1.3  | 0.5                                     | 0.33                      | 2.52      | 2.82      |   |    |
| 1.5                           | 1.5  | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | 2.2  | 0.5                                     | 0.33                      | 3.33      | 3.63      |   |    |
| 1.2                           | 1.5  | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | 2.0  | 0.5                                     | 0.33                      | 3.15      | 3.45      |   |    |
| 1.5                           | 1.5  | 2.0  | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | 1.4  | 0.5                                     | 0.33                      | 2.61      | 2.91      |   |    |
| 1.5                           | 1.5  | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | 2.3  | 0.5                                     | 0.33                      | 3.42      | 3.72      |   |    |
| 1.5                           | 1.5  | 3.5  | 0.8               | 0.5                       | 4.32  | 4.77      | 1.00                     | 2.4  | 0.5                                     | 0.33                      | 3.51      | 3.81      |   |    |
| 1.35                          | 1.35   | 1.6  | 0.7               | 0.45                      | 2.80  | 3.25      | 1.00                     | 1.1  | 0.5                                     | 0.30                      | 2.60      | 2.90      |   |    |
| 1.5                           | 1.5  | 3.1  | 0.8               | 0.5                       | 3.96  | 4.41      | 1.00                     | 2.4  | 0.5                                     | 0.33                      | 3.51      | 3.81      |   |    |
| 1.5                           | 1.5  | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | 1.7  | 0.5                                     | 0.33                      | 2.88      | 3.18      |   |    |
| 1.5                           | 1.5  | 3.6  | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | 2.6  | 0.5                                     | 0.33                      | 3.69      | 3.99      |   |    |
| 1.1                           | 1.5  | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | 1.8  | 0.5                                     | 0.33                      | 2.97      | 3.27      |   |    |
| 1.2                           | 1.35   | 2.4  | 0.7               | 0.45                      | 3.60  | 4.05      | 1.00                     | 1.7  | 0.5                                     | 0.30                      | 3.20      | 3.50      |   |    |
| 1.5                           | 1.5  | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | 2.1  | 0.5                                     | 0.33                      | 3.24      | 3.54      |   |    |
| 1.5                           | 1.5  | 2.9  | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | 2.2  | 0.5                                     | 0.33                      | 3.33      | 3.63      |   |    |
| 1.5                           | 1.5  | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | 2.3  | 0.5                                     | 0.33                      | 3.42      | 3.72      |   |    |
| 1.5                           | 1.5  | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | 2.2  | 0.5                                     | 0.33                      | 3.33      | 3.63      |   |    |
| 1.2                           | 1.5  | 3.1  | 0.8               | 0.5                       | 3.96  | 4.41      | 1.00                     | 2.4  | 0.5                                     | 0.33                      | 3.51      | 3.81      |   |    |
| 1.4                           | 1.5  | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | 2.3  | 0.5                                     | 0.33                      | 3.42      | 3.72      |   |    |
| 1.5                           | 1.5  | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | 1.7  | 0.5                                     | 0.33                      | 2.88      | 3.18      |   |    |
| 1.5                           | 1.5  | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | 1.7  | 0.5                                     | 0.33                      | 2.88      | 3.18      |   |    |
| 1.1                           | 1.5  | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | 1.9  | 0.5                                     | 0.33                      | 3.06      | 3.36      |   |    |
| 1.1                           | 1.35   | 2.1  | 0.7               | 0.45                      | 3.30  | 3.75      | 1.00                     | 1.5  | 0.5                                     | 0.30                      | 3.00      | 3.30      |   |    |
| 1.5                           | 1.5  | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | 2.0  | 0.5                                     | 0.33                      | 3.15      | 3.45      |   |    |
| 1.5                           | 1.5  | 2.0  | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | 1.4  | 0.5                                     | 0.33                      | 2.61      | 2.91      |   |    |
| 1.1                           | 1.5  | 3.3  | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | 2.3  | 0.5                                     | 0.33                      | 3.42      | 3.72      |   |    |
| 1.1                           | 1.5  | 3.0  | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | 2.4  | 0.5                                     | 0.33                      | 3.51      | 3.81      |   |    |
| 1.2                           | 1.5  | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | 1.9  | 0.5                                     | 0.33                      | 3.06      | 3.36      |   |    |
| 1.5                           | 1.5  | 2.1  | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | 1.6  | 0.5                                     | 0.33                      | 2.79      | 3.09      |   |    |
| 1.5                           | 1.5  | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | 1.8  | 0.5                                     | 0.33                      | 2.97      | 3.27      |   |    |
| 1.5                           | 1.5  | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | 2.0  | 0.5                                     | 0.33                      | 3.15      | 3.45      |   |    |
| 1.1                           | 1.5  | 2.7  | ...               | 0.7                       | 3.51  | 4.14      | 1.35                     | 3.1  | 2.0                                     | 0.33                      | 3.81      | 4.10      |   |    |
| 1.35                          | 1.35   | 2.2  | 0.7               | 0.45                      | 3.40  | 3.85      | 1.00                     | 1.6  | 0.5                                     | 0.30                      | 3.10      | 3.40      |   |    |
| 1.1                           | 1.5  | 3.6  | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | 2.4  | 0.5                                     | 0.33                      | 3.51      | 3.81      |   |    |
| 1.1                           | 1.5  | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | 2.5  | 0.5                                     | 0.33                      | 3.60      | 3.90      |   |    |
| 1.5                           | 1.5  | 3.5  | 0.8               | 0.5                       | 4.32  | 4.77      | 1.00                     | 2.6  | 0.5                                     | 0.33                      | 3.69      | 3.99      |   |    |
| 1.2                           | 1.5  | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | 1.7  | 0.5                                     | 0.33                      | 2.88      | 3.18      |   |    |



# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) are

|                          |     | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                  |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|--------------------------|-----|--|--------------------------------------|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                          |     |  | House Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                          |     |  |                                      |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                          |     | ¢  | ¢                                    | ¢  | ¢  | ¢                     | ¢               | ¢               | \$                      | \$                              | \$                      | \$      |         |
| Espanola . . . . . N 10% | 35  | ☒  | 1.0                                  | 50                                       | 3.0                                      | 1.2                   | w0.6            | 1.0             | 2.00                    | 3.90                            | 5.40                    | 6.9     |         |
| Essex . . . . .          | 43  | ☐  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 1.11                    | 4.05                            | 5.85                    | 7.6     |         |
| Etobicoke Twp. . . . .   | 40  | 1.2  | 1.1                                  | 60                                       | 4.0                                      | ...                   | ...             | 1.0             | 1.25                    | 3.87                            | 6.12                    | 8.3     |         |
| Exeter . . . . .         | 40  | ☒  | ...                                  | 50                                       | 3.6                                      | 1.8                   | w0.8            | 1.1             | 2.22                    | 4.86                            | 6.66                    | 8.4     |         |
| Fergus . . . . .         | 41  | ☒  | 1.1                                  | 50                                       | 4.0                                      | 1.5                   | w0.7            | 1.1             | 2.00                    | 4.50                            | 6.07                    | 7.6     |         |
| Finch . . . . .          | 42  | 1.5  | ...                                  | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 1.95                    | 4.05                            | 5.85                    | 7.6     |         |
| Flesherton . . . . .     | 40  | ☒  | ...                                  | 50                                       | 2.0                                      | 1.1                   | 0.6             | 1.1             | 1.11                    | 2.88                            | 4.23                    | 5.5     |         |
| Fonthill . . . . .       | 41  | ☐  | 1.1                                  | 50                                       | 3.4                                      | 1.2                   | w0.8            | 1.1             | 1.70                    | 3.69                            | 5.49                    | 7.2     |         |
| Forest . . . . .         | 41  | ☒  | ...                                  | 50                                       | 2.6                                      | 1.3                   | 0.8             | 1.1             | 1.11                    | 3.51                            | 5.31                    | 7.1     |         |
| Forest Hill . . . . .    | 37  | 1.2  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 0.83                    | 4.05                            | 5.85                    | 7.6     |         |
| Fort William . . . . .   | 31  | 1.2  | 1.11                                 | 60                                       | 2.0                                      | ...                   | ...             | 0.8             | 0.83                    | 2.45                            | 4.25                    | 6.0     |         |
| Frankford . . . . .      | 36  | ☐  | ...                                  | 50                                       | 2.6                                      | 1.3                   | 0.8             | 1.1             | 1.11                    | 3.51                            | 5.31                    | 7.1     |         |
| Galt . . . . .           | 36  | ☐  | 1.1                                  | 50                                       | 3.0                                      | ...                   | ...             | 1.1             | 2.00                    | 3.33                            | 5.80                    | 8.2     |         |
| Georgetown . . . . .     | 39  | ☐/1.2  | ...                                  | 50                                       | 3.2                                      | 1.5                   | w0.7            | 1.1             | 2.00                    | 4.14                            | 5.71                    | 7.2     |         |
| Glen Williams . . . . .  | 39  | ☐/1.2  | ...                                  | 50                                       | 3.2                                      | 1.6                   | w0.8            | 1.1             | 2.00                    | 4.32                            | 6.12                    | 7.9     |         |
| †Geraldton . . . . .     | 45  | ☒  | ▲                                    | 50                                       | 4.0                                      | 2.0                   | w0.9            | 1.2             | 2.22                    | 5.40                            | 7.42                    | 9.4     |         |
| Glencoe . . . . .        | 45  | 1.1  | ...                                  | 50                                       | 2.4                                      | 1.2                   | 0.7             | 1.0             | 1.11                    | 3.24                            | 4.81                    | 6.3     |         |
| Gloucester Twp N 10%     | 38  | ☒  | ◆                                    | 50                                       | 4.0                                      | 1.7                   | w0.7            | 1.0             | 2.00                    | 5.40                            | 7.15                    | 8.9     |         |
| Goderich . . . . .       | 42  | ☐  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | 0.8             | 1.2             | 1.11                    | 4.05                            | 5.85                    | 7.6     |         |
| †Gogama . . . . .        | 45  | 1.5  | ...                                  | 50                                       | 7.0                                      | 3.5                   | ...             | 1.6             | 2.78                    | 9.45                            | 13.05                   | 16.6    |         |
| Grand Bend . . . . .     | 42  | 1.35   | ...                                  | 50                                       | 4.0                                      | 2.0                   | ...             | 1.4             | 2.50                    | 5.40                            | 8.55                    | 11.7    |         |
| Grand Valley . . . N 10% | ... | ☐  | ...                                  | 50                                       | 2.8                                      | 1.1                   | w0.7            | 1.0             | 1.40                    | 3.60                            | 5.35                    | 7.1     |         |
| Granton . . . . .        | 50  | ...  | ...                                  | 60                                       | 3.9                                      | ...                   | ...             | 1.4             | 1.11                    | 4.50                            | 7.65                    | 10.8    |         |
| Gravenhurst . . . . .    | 40  | 1.2  | ...                                  | 50                                       | 2.8                                      | 1.1                   | w0.7            | 1.0             | 1.67                    | 3.24                            | 4.81                    | 6.3     |         |
| Grimsby . . . . .        | 43  | 1.1  | 1.1                                  | 50                                       | 3.2                                      | 1.6                   | w0.8            | 1.0             | 1.39                    | 4.32                            | 6.12                    | 7.9     |         |
| §§Guelph . . . . .       | 34  | ☐  | 1.1                                  | 50                                       | 3.6                                      | 1.8                   | 1.0             | 1.1             | 1.67                    | 4.86                            | 7.11                    | 9.3     |         |
| Hagersville . . . . .    | 41  | ☐  | ...                                  | 60                                       | 2.8                                      | ...                   | ...             | 1.1             | 0.83                    | 3.39                            | 5.87                    | 8.3     |         |
| †Haileybury . . . . .    | 42  | ☒  | ◆                                    | 50                                       | 4.0                                      | 2.0                   | w0.8            | 1.1             | 1.39                    | 5.40                            | 7.20                    | 9.0     |         |
| Hamilton . . . . .       | 40  | ☐  | 1.1                                  | 60                                       | 2.7                                      | ...                   | ...             | 1.1             | 0.83                    | 3.34                            | 5.81                    | 8.2     |         |
| Hanover . . . . .        | 38  | 1.1  | ...                                  | 60                                       | 2.2                                      | ...                   | ...             | 1.0             | 0.83                    | 2.90                            | 5.15                    | 7.4     |         |
| Harriston . . . . .      | 39  | ☐  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | 0.9             | 1.2             | 1.39                    | 4.05                            | 6.07                    | 8.1     |         |
| Harrow . . . . .         | 38  | ☐  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | 0.9             | 1.2             | 0.83                    | 4.05                            | 6.07                    | 8.1     |         |
| Hastings . . . . .       | 41  | ☒  | ...                                  | 50                                       | 4.0                                      | 1.3                   | w0.7            | 1.1             | 2.22                    | 4.14                            | 5.71                    | 7.2     |         |
| Havelock . . . . .       | 40  | ☐  | ...                                  | 50                                       | 2.8                                      | 1.3                   | w0.8            | 1.1             | 1.40                    | 3.60                            | 5.40                    | 7.2     |         |
| Hawkesbury . . . . .     | 36  | ☐  | 1.1                                  | 50                                       | 3.0                                      | 1.5                   | w0.7            | 1.1             | 1.70                    | 4.05                            | 5.62                    | 7.2     |         |
| Hearst . . . . .         | 45  | ☒  | 1.1                                  | 50                                       | 4.6                                      | 1.5                   | w0.7            | 1.1             | 2.78                    | 4.77                            | 6.34                    | 7.9     |         |
| Hensall . . . . .        | 45  | 1.2  | ...                                  | 60                                       | 3.2                                      | ...                   | ...             | 1.0             | 0.83                    | 3.44                            | 5.69                    | 7.9     |         |
| †Hepworth . . . . .      | 45  | 1.22   | ...                                  | 50                                       | 3.6                                      | 1.8                   | w0.8            | 1.1             | 1.67                    | 4.86                            | 6.66                    | 8.4     |         |
| Hespeler . . . . .       | 38  | ☐  | 1.1                                  | 60                                       | 3.2                                      | ...                   | ...             | 1.1             | 0.83                    | 3.61                            | 6.08                    | 8.5     |         |
| Highgate . . . . .       | 45  | 1.2  | ...                                  | 60                                       | 3.2                                      | ...                   | ...             | 0.9             | 0.83                    | 3.27                            | 5.29                    | 7.3     |         |
| Holstein . . . . .       | 41  | 1.1  | ...                                  | 60                                       | 3.0                                      | ...                   | ...             | 1.0             | 1.11                    | 3.33                            | 5.58                    | 7.8     |         |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.  
For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

is subject to 10% prompt payment discount  
 minimum monthly charge

| COMMERCIAL SERVICE           |   |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |   |   |                           |           |           |   |      |
|------------------------------|---|--|-------------------|---------------------------|---|-----------|--------------------------|---|---|---------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kw | Space Heating per Kw<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand |   |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                              |   | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand          |                   |                           |   |           |                          | First<br>Block<br>Hours' Use<br>50 100                | Second<br>Block<br>Hours' Use<br>50 100 | All Addi-<br>tional Hours |           |           |   |      |
|                              |   | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          |   |   |                           | 200 Hours | 300 Hours |   |      |
| ¢                            | ¢   | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢   | ¢                                       | ¢                         | ¢         | ¢         | \$  | \$   |
| 1.2                          | 1.35  | ¢2.0   | 0.7               | 0.45                      | 3.20  | 3.65      | 1.00                     | ..  | 1.2                                     | ..                        | 0.5       | 0.30      | 2.70  | 3.00 |
| ..                           | 1.5   | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ..                           | ..  | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.2                          | 1.5   | ¢3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.3                                     | ..                        | 0.5       | 0.33      | 3.42  | 3.72 |
| 1.3                          | 1.5   | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ..                           | 1.5   | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ..                           | 1.5   | ¢1.6   | 0.8               | 0.5                       | 2.61  | 3.06      | 1.00                     | ..  | 1.0                                     | ..                        | 0.5       | 0.33      | 2.25  | 2.55 |
| 1.3                          | 1.5   | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.1                          | ..  | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| ..                           | 1.5   | ¢1.8   | 0.8               | 0.5                       | 2.79  | 3.24      | 1.00                     | ..  | 1.3                                     | ..                        | 0.5       | 0.33      | 2.52  | 2.82 |
| 0.8                          | ..  | 1.9  | ..                | 0.4                       | 2.52  | 2.88      | 1.00                     | 1.4   | ..                                      | 0.9                       | ..        | 0.33      | 2.23  | 2.53 |
| 1.1                          | ..  | ¢1.8   | 0.8               | 0.5                       | 2.79  | 3.24      | 1.00                     | ..  | 1.1                                     | ..                        | 0.5       | 0.33      | 2.34  | 2.64 |
| 1.1                          | 1.5   | ¢2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.20                     | 1.6   | ..                                      | 1.0                       | ..        | 0.30      | 2.52  | 2.79 |
| 1.1                          | 1.5   | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| ..                           | 1.5   | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.2                          | 1.5   | ¢3.7   | 0.8               | 0.5                       | 4.50  | 4.95      | 1.00                     | ..  | 2.8                                     | ..                        | 0.5       | 0.33      | 3.87  | 4.17 |
| ..                           | 1.5   | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.35                         | 1.35  | ¢2.0   | 0.7               | 0.45                      | 3.20  | 3.65      | 1.00                     | ..  | 1.4                                     | ..                        | 0.5       | 0.30      | 2.90  | 3.20 |
| 1.3                          | 1.5   | ¢2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.6                          | 1.5   | 5.8  | 0.8               | 0.5                       | 6.39  | 6.84      | 1.00                     | ..  | 5.1                                     | ..                        | 0.5       | 0.33      | 5.94  | 6.24 |
| 1.4                          | 1.5   | ¢3.8   | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ..  | 2.8                                     | ..                        | 0.5       | 0.33      | 3.87  | 4.17 |
| ..                           | ..  | ¢2.2   | 0.7               | 0.45                      | 3.40  | 3.85      | 1.00                     | ..  | 1.4                                     | ..                        | 0.5       | 0.30      | 2.90  | 3.20 |
| ..                           | ..  | 3.4  | ..                | 1.3                       | 4.68  | 5.85      | 1.35                     | 2.6   | ..                                      | 1.7                       | ..        | 0.33      | 3.45  | 3.74 |
| 1.0                          | 1.5   | ¢1.9   | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..  | 1.4                                     | ..                        | 0.5       | 0.33      | 2.61  | 2.91 |
| 1.0                          | 1.5   | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| ..                           | 1.5   | ¢2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 1.8                                     | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                          | ..  | 2.3  | ..                | 0.9                       | 3.33  | 4.14      | 1.20                     | 1.7   | ..                                      | 1.2                       | ..        | 0.30      | 2.65  | 2.92 |
| 1.1                          | 1.5   | ¢3.6   | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..  | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| ..                           | ..  | 2.0  | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ..  | 1.2                                     | ..                        | 0.5       | 0.35      | 2.43  | 2.74 |
| ..                           | 1.5   | 1.7  | ..                | 1.0                       | 2.88  | 3.78      | 1.00                     | 1.5   | ..                                      | 0.9                       | ..        | 0.30      | 2.25  | 2.52 |
| 1.2                          | 1.5   | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.1                                     | ..                        | 0.5       | 0.33      | 3.24  | 3.54 |
| 1.2                          | 1.5   | ¢2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                          | 1.5   | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.2                          | 1.5   | ¢2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.2                          | 1.5   | ¢2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.2                          | 1.5   | ¢2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ..                           | ..  | 2.7  | ..                | 0.9                       | 3.69  | 4.50      | 1.20                     | 2.1   | ..                                      | 1.4                       | ..        | 0.30      | 2.92  | 3.19 |
| 1.5                          | 1.5   | ¢3.2   | 0.8               | 0.5                       | 4.05  | 4.50      | 1.00                     | ..  | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| ..                           | ..  | 2.6  | ..                | 0.9                       | 3.60  | 4.41      | 1.20                     | 1.6   | ..                                      | 1.0                       | ..        | 0.33      | 2.55  | 2.84 |
| ..                           | ..  | 2.8  | ..                | 0.7                       | 3.60  | 4.23      | 1.35                     | 2.6   | ..                                      | 1.7                       | ..        | 0.33      | 3.45  | 3.74 |
| ..                           | ..  | 2.5  | ..                | 0.8                       | 3.42  | 4.14      | 1.35                     | 3.5   | ..                                      | 2.3                       | ..        | 0.33      | 4.12  | 4.42 |

# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                       | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                     |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|-----------------------|--|---|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                       |  | House<br>Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                       |  |   |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
| †Hornepayne.....      | 60   | ☒                                       | ▲  | 50                                       | 6.6                   | 2.3             | w1.0            | 1.33                    | 3.33                            | 7.11                    | 9.36    | 11.61   |
| †Hudson.....          | 45   | ☒                                       | ▲  | 50                                       | 4.4                   | 2.2             | w0.9            | 1.2                     | 2.22                            | 5.94                    | 7.96    | 9.99    |
| Huntsville..... N 10% | 40   | ☐                                       | ..                                       | 50                                       | 2.8                   | 1.1             | w0.7            | 1.0                     | 1.40                            | 3.60                    | 5.35    | 7.10    |
| Ingersoll.....        | *40  | ☐                                       | 1.1                                      | 50                                       | 3.6                   | 1.8             | w0.7            | 1.1                     | 1.80                            | 4.86                    | 6.43    | 8.01    |
| Iroquois.....         | 40   | ☐/1.2                                   | ..                                       | 50                                       | 2.8                   | 1.4             | w0.7            | 1.1                     | 1.67                            | 3.78                    | 5.35    | 6.93    |
| Jarvis.....           | 45   | 1.1                                     | ..                                       | 50                                       | 3.2                   | 1.6             | 0.9             | 1.3                     | 0.83                            | 4.32                    | 6.34    | 8.37    |
| †Jellicoe.....        | 45   | ☒                                       | ♦  | 50                                       | 4.4                   | 2.2             | w0.9            | 1.2                     | 2.22                            | 5.94                    | 7.96    | 9.99    |
| Kapuskasing.....      | 35   | ☐                                       | ..                                       | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.10    |
| †Kearns Townsite..... | 45   | 1.22                                    | ..                                       | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.39                            | 4.86                    | 6.66    | 8.46    |
| Kemptville.....       | 43   | ☒                                       | 1.1                                      | 50                                       | 4.0                   | 1.5             | w0.8            | 1.1                     | 2.00                            | 4.50                    | 6.30    | 8.10    |
| Killaloe Station..... | 42   | ☒                                       | ◆  | 50                                       | 4.2                   | 2.1             | w0.8            | 1.1                     | 2.22                            | 5.67                    | 7.47    | 9.27    |
| Kincardine..... N 10% | 43   | ☒                                       | ..                                       | 50                                       | 2.8                   | 1.1             | w0.6            | 1.0                     | 1.40                            | 3.60                    | 5.10    | 6.60    |
| King City..... N 10%  | 42   | ☒                                       | ●  | 50                                       | 3.6                   | 1.7             | w0.7            | 1.0                     | 1.80                            | 5.20                    | 6.95    | 8.70    |
| †King Kirkland.....   | 42   | 1.22                                    | ..                                       | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.39                            | 4.86                    | 6.66    | 8.46    |
| Kingston.....         | 38   | x ☐                                     | ..                                       | 50                                       | 2.2                   | 1.1             | ...             | 1.0                     | 1.11                            | 2.97                    | 5.22    | 7.47    |
| Kingsville.....       | 40   | ..                                      | 1.1                                      | 50                                       | 2.4                   | 1.2             | 0.7             | 1.0                     | 0.83                            | 3.24                    | 4.81    | 6.39    |
| Kirkfield.....        | 40   | ☒                                       | ..                                       | 50                                       | 3.2                   | 1.6             | 1.0             | 1.1                     | 1.67                            | 4.32                    | 6.57    | 8.82    |
| †Kirkland Lake.....   | 42   | ☒                                       | ◎  | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.39                            | 4.86                    | 6.66    | 8.46    |
| †Swastika.....        | 42   | 1.22                                    | ..                                       | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.39                            | 4.86                    | 6.66    | 8.46    |
| Kitchener.....        | ..   | ☒                                       | 1.1                                      | 50                                       | 3.6                   | 1.2             | 0.7             | 1.1                     | 1.80                            | 3.78                    | 5.35    | 6.93    |
| Lakefield..... N 10%  | 38   | ☒                                       | 1.0                                      | 50                                       | 3.0                   | 1.2             | w0.7            | 1.0                     | 1.50                            | 3.90                    | 5.65    | 7.40    |
| Lambeth.....          | 43   | 1.1                                     | 1.1                                      | 50                                       | 3.5                   | 1.7             | w0.8            | 1.3                     | 1.75                            | 4.63                    | 6.43    | 8.23    |
| Lanark.....           | 39   | 1.1                                     | ..                                       | 50                                       | 2.2                   | 1.1             | 0.7             | 1.0                     | 0.83                            | 2.97                    | 4.54    | 6.12    |
| Lancaster.....        | 40   | ..                                      | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.70                            | 4.59                    | 6.39    | 8.19    |
| Larder Lake Twp.....  | 43   | 1.2                                     | ..                                       | 60                                       | 3.5                   | ...             | ...             | 1.1                     | 1.11                            | 3.77                    | 6.25    | 8.77    |
| Latchford.....        | 43   | ☒                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.2                     | 1.39                            | 4.05                    | 5.85    | 7.65    |
| Leamington.....       | 41   | ☐                                       | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.38    |
| Lindsay.....          | 41   | ☐                                       | 1.1                                      | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.11    |
| Listowel.....         | 41   | ☒                                       | 1.1                                      | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 2.00                            | 3.78                    | 5.58    | 7.38    |
| London..... N 10%     | 38   | ☒                                       | 1.0                                      | 50                                       | 4.0                   | 1.3             | ...             | 1.0                     | 2.00                            | 4.60                    | 7.10    | 9.60    |
| Long Branch.....      | 37   | 1.2                                     | ..                                       | 60                                       | 3.3                   | ...             | ...             | 1.0                     | 2.00                            | 3.49                    | 5.74    | 7.99    |
| L'Orignal.....        | 40   | ☐                                       | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.70                            | 4.59                    | 6.39    | 8.19    |
| Lucan.....            | 40   | ☒                                       | 1.1                                      | 50                                       | 3.2                   | 1.4             | w0.8            | 1.1                     | 1.67                            | 3.96                    | 5.76    | 7.56    |
| Lucknow.....          | 45   | 1.1                                     | ..                                       | 55                                       | 2.7                   | ...             | ...             | 1.0                     | 1.39                            | 3.10                    | 5.35    | 7.60    |
| Lynden.....           | 43   | ☒                                       | 1.1                                      | 50                                       | 3.0                   | 1.2             | w0.7            | 1.1                     | 1.50                            | 3.51                    | 5.08    | 6.66    |
| Madoc.....            | 40   | 1.2                                     | 1.1                                      | 50                                       | 2.4                   | 1.2             | 0.7             | 1.0                     | 0.83                            | 3.24                    | 4.81    | 6.39    |
| Magnetawan.....       | 45   | ☒                                       | ♦  | 50                                       | 4.2                   | 2.1             | w0.9            | 1.2                     | 2.22                            | 5.67                    | 7.69    | 9.77    |
| Markdale.....         | 45   | 1.1                                     | ..                                       | 60                                       | 2.5                   | ...             | ...             | 1.0                     | 1.11                            | 3.06                    | 5.31    | 7.56    |
| Markham.....          | 44   | 1.2                                     | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.70                            | 4.59                    | 6.39    | 8.19    |
| Marmora.....          | 43   | ☐                                       | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.39                            | 3.78                    | 5.58    | 7.38    |
| Martintown.....       | 38   | 1.5                                     | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.38    |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

xHouse heating through the regular residential meter but with all consumption over 750 kwh, billed at 1.1¢ gross per kwh.

\*Applicable to flat rate water heaters of 750w and above, for flat rate water heaters below 750w apply schedule No. 43.

For explanatory notes and water-heating schedules see pages 234 and 235.



## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
 minimum monthly charge

| COMMERCIAL SERVICE           |   |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |   |   |                           |           |           |   |      |
|------------------------------|---|--|-------------------|---------------------------|---|-----------|--------------------------|---|---|---------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kw | Space Heating per Kw<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand |   |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                              |   | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand          |                   |                           |   |           |                          | First<br>Block<br><br>Hours' Use<br>50 100            | Second<br>Block<br><br>Hours' Use<br>50 100 | All Addi-<br>tional Hours |           |           |   |      |
|                              |   | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          |   |   |                           | 200 Hours | 300 Hours |   |      |
| ¢                            | ¢   | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢   | ¢   | ¢                         | ¢         | ¢         | \$  | \$   |
| 1.5                          | 1.5   | °6.0   | 0.8               | 0.5                       | 6.57  | 7.02      | 1.00                     | ..  | 4.3   | ..                        | 0.5       | 0.33      | 5.22  | 5.52 |
| 1.2                          | 1.5   | °3.8   | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ..  | 3.3   | ..                        | 0.5       | 0.33      | 4.32  | 4.62 |
| 1.1                          | 1.35  | °1.9   | 0.7               | 0.4                       | 3.10  | 3.50      | 1.00                     | ..  | 1.0   | ..                        | 0.5       | 0.30      | 2.50  | 2.80 |
| 1.1                          | 1.5   | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..  | 1.6   | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.1                          | 1.5   | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ..  | 1.5   | ..                        | 0.5       | 0.33      | 2.70  | 3.00 |
| ...                          | 1.5   | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.3   | ..                        | 0.5       | 0.33      | 3.42  | 3.72 |
| 1.2                          | 1.5   | °3.8   | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ..  | 3.3   | ..                        | 0.5       | 0.33      | 4.32  | 4.62 |
| 1.2                          | 1.5   | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                          | 1.5   | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.4   | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| ...                          | ...   | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                          | 1.5   | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.2                          | 1.35  | °2.4   | 0.7               | 0.45                      | 3.60  | 4.05      | 1.00                     | ..  | 1.8   | ..                        | 0.5       | 0.30      | 3.30  | 3.60 |
| 1.1                          | 1.35  | °2.0   | 0.7               | 0.45                      | 3.20  | 3.65      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.30      | 3.20  | 3.50 |
| 1.1                          | 1.5   | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.4   | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| ...                          | 1.5   | 2.2  | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.2   | ..                        | 0.5       | 0.33      | 2.43  | 2.73 |
| ...                          | 1.5   | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.2                          | 1.5   | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                          | 1.5   | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.4   | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.1                          | 1.5   | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.4   | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| ...                          | 1.5   | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.2                          | 1.35  | °2.7   | 0.7               | 0.45                      | 3.90  | 4.35      | 1.00                     | ..  | 1.6   | ..                        | 0.5       | 0.30      | 3.10  | 3.40 |
| ...                          | ...   | °3.1   | 0.8               | 0.5                       | 3.96  | 4.41      | 1.00                     | ..  | 2.6   | ..                        | 0.5       | 0.33      | 3.69  | 3.99 |
| ...                          | 1.5   | °1.9   | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..  | 1.4   | ..                        | 0.5       | 0.33      | 2.61  | 2.91 |
| ...                          | ...   | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.3   | ..                        | 0.5       | 0.33      | 3.42  | 3.72 |
| ...                          | ...   | 3.0  | ...               | 1.0                       | 4.05  | 4.95      | 1.35                     | 3.1   | ..  | 2.0                       | ..        | 0.33      | 3.81  | 4.10 |
| ...                          | 1.5   | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.1                          | 1.5   | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                          | 1.5   | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.5   | ..                        | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.2                          | 1.5   | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.8   | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.0                          | 1.35  | °2.2   | 0.7               | 0.45                      | 3.40  | 3.85      | 1.00                     | ..  | 1.5   | ..                        | 0.5       | 0.30      | 3.00  | 3.30 |
| 1.2                          | 1.5   | °1.8   | 0.8               | 0.5                       | 2.79  | 3.24      | 1.00                     | ..  | 1.3   | ..                        | 0.5       | 0.33      | 2.52  | 2.82 |
| 1.1                          | 1.5   | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.4                          | 1.5   | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 1.8   | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| ...                          | 1.5   | 2.2  | ...               | 0.8                       | 3.15  | 3.87      | 1.35                     | 2.8   | ..  | 1.8                       | ..        | 0.33      | 3.58  | 3.88 |
| 1.2                          | 1.5   | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..  | 1.6   | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.0                          | 1.5   | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.8   | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.5                          | 1.5   | °3.7   | 0.8               | 0.5                       | 4.50  | 4.95      | 1.00                     | ..  | 2.8   | ..                        | 0.5       | 0.33      | 3.87  | 4.17 |
| ...                          | ...   | 2.0  | ...               | 1.0                       | 3.15  | 4.05      | 1.20                     | 1.9   | ..  | 1.3                       | ..        | 0.30      | 2.79  | 3.06 |
| 1.2                          | 1.5   | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 1.8   | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                          | ...   | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.0   | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                          | ...   | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.7   | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |

# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) are

|                              | Flat-Rate Water Heating<br>per 100 Watts<br>or<br>Schedule Number | RESIDENTIAL SERVICE                  |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|------------------------------|---|--------------------------------------|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                              |   | House Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                              |   |                                      |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                              | ¢   | ¢                                    | ¢  |  | ¢                     | ¢               | ¢               | ¢                       | \$                              | \$                      | \$      | \$      |
| Massey . . . . .             | 45  | Ø                                    | 1.2                                      | 50                                       | 4.5                   | 2.2             | w0.8            | 1.2                     | 1.67                            | 5.98                    | 7.78    | 9.4     |
| †Matachewan . . . . .        | 45  | 1.22                                 | ..                                       | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.39                            | 4.86                    | 6.66    | 8.4     |
| †Matheson . . . . .          | 45  | 1.22                                 | ..                                       | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.39                            | 4.59                    | 6.39    | 8.1     |
| †Mattawa . . . . .           | 45  | 1.22                                 | ..                                       | 50                                       | 5.2                   | 2.6             | w0.8            | 1.1                     | 1.67                            | 7.02                    | 8.82    | 10.6    |
| Maxville . . . . .           | 46  | □                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.50                            | 4.05                    | 5.85    | 7.6     |
| McGarry Twp. . . . .         | 40  | 1.2                                  | ..                                       | 60                                       | 3.5                   | ...             | ...             | 1.1                     | 1.11                            | 3.77                    | 6.25    | 8.7     |
| Meaford . . . . .            | 42  | 1.1                                  | ..                                       | 60                                       | 2.6                   | ...             | ...             | 1.0                     | 0.83                            | 3.11                    | 5.36    | 7.6     |
| Merlin . . . . .             | 44  | 1.2                                  | ..                                       | 60                                       | 3.1                   | ...             | ...             | 1.0                     | 0.83                            | 3.38                    | 5.63    | 7.9     |
| Merrickville . . . . .       | 41  | □                                    | 1.1                                      | 50                                       | 3.2                   | 1.6             | w0.8            | 1.1                     | 1.60                            | 4.32                    | 6.12    | 7.9     |
| Midland . . . . . N 5%       | 39  | Ø                                    | ..                                       | 50                                       | 2.4                   | 1.0             | w0.6            | 1.0                     | 1.50                            | 3.20                    | 4.70    | 6.2     |
| Mildmay . . . . .            | 40  | 1.1                                  | ..                                       | 50                                       | 3.2                   | 1.4             | w0.8            | 1.1                     | 1.67                            | 3.96                    | 5.76    | 7.6     |
| Millbrook . . . . .          | 43  | □                                    | ..                                       | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 2.00                            | 5.40                    | 7.20    | 9.0     |
| Milton . . . . . N 10%       | 43  | 1.0                                  | 1.0                                      | 50                                       | 3.5                   | 1.2             | w0.7            | 1.0                     | 1.75                            | 4.15                    | 5.90    | 7.6     |
| Milverton . . . . .          | 43  | 1.2                                  | ..                                       | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.39                            | 4.05                    | 6.07    | 8.1     |
| Mimico . . . . .             | 33  | 1.1                                  | 1.1                                      | 50                                       | 2.6                   | 1.0             | ...             | 0.9                     | 1.67                            | 2.97                    | 4.99    | 7.0     |
| Mitchell . . . . .           | 40  | 1.1                                  | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.67                            | 4.59                    | 6.39    | 8.1     |
| Moorefield . . . . .         | 43  | 1.1                                  | 1.1                                      | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.3     |
| Morrisburg . . . . .         | 40  | Ø                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.67                            | 4.05                    | 5.85    | 7.6     |
| Mount Brydges . . . . .      | 41  | Ø                                    | 1.1                                      | 50                                       | 3.4                   | 1.6             | w0.8            | 1.1                     | 2.00                            | 4.41                    | 6.21    | 8.0     |
| Mount Forest . . . . . N 10% | ..  | Ø                                    | ..                                       | 50                                       | 2.3                   | 1.2             | w0.7            | 1.0                     | 1.15                            | 3.55                    | 5.30    | 7.0     |
| Napanee . . . . .            | 38  | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 0.83                            | 3.51                    | 5.31    | 7.6     |
| §§Nepean Twp. . . . .        | 38  | Ø                                    | ⊙  | 50                                       | 4.5                   | 2.0             | w0.7            | 1.1                     | 2.30                            | 5.62                    | 7.20    | 8.8     |
| Neustadt . . . . . N 10%     | 37  | Ø                                    | ..                                       | 50                                       | 2.4                   | 1.0             | w0.6            | 1.0                     | 1.20                            | 3.20                    | 4.70    | 6.2     |
| Newboro . . . . .            | 38  | 1.2                                  | ..                                       | 50                                       | 3.8                   | 1.9             | ...             | 1.0                     | 2.22                            | 5.13                    | 7.38    | 9.6     |
| Newburgh . . . . .           | 40  | Ø                                    | 1.2                                      | 60                                       | 4.3                   | ...             | ...             | 1.2                     | 1.39                            | 4.37                    | 7.07    | 9.2     |
| Newbury . . . . .            | 45  | 1.5                                  | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.3     |
| Newcastle . . . . .          | 42  | 1.2                                  | 1.1                                      | 50                                       | 2.8                   | 1.4             | ...             | 1.0                     | 1.67                            | 3.78                    | 6.03    | 8.2     |
| New Hamburg . . . . .        | 39  | ..                                   | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.1     |
| †New Liskeard . . . . .      | 42  | Ø                                    | ✦  | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 1.39                            | 5.40                    | 7.20    | 9.0     |
| Newmarket . . . . .          | 38  | 1.2                                  | 1.1                                      | 50                                       | 2.8                   | 1.4             | w0.8            | 1.1                     | 1.40                            | 3.78                    | 5.58    | 7.3     |
| New Toronto . . . . .        | 37  | Ø                                    | 1.1                                      | 60                                       | 2.6                   | ...             | ...             | 1.2                     | 0.83                            | 3.46                    | 6.16    | 8.8     |
| Niagara . . . . .            | 42  | 1.1                                  | 1.1                                      | 50                                       | 3.2                   | 1.5             | w0.8            | 1.1                     | 1.75                            | 4.14                    | 5.94    | 7.7     |
| Niagara Falls . . . . .      | 40  | *1.1                                 | ..                                       | 50                                       | 3.5                   | 1.4             | ...             | 0.7                     | 1.75                            | 4.09                    | 5.67    | 7.2     |
| Nipigon Twp. . . . .         | 37  | 1.2                                  | 1.11                                     | 50                                       | 3.0                   | 1.2             | w0.7            | 1.0                     | 2.00                            | 3.51                    | 5.08    | 6.6     |
| North Bay . . . . .          | 42  | □                                    | ..                                       | 60                                       | 2.5                   | ...             | ...             | 1.2                     | 1.11                            | 3.40                    | 6.10    | 8.8     |
| North York Twp. . . . .      | 37  | Ø                                    | 1.1                                      | 50                                       | 3.4                   | 1.6             | ...             | 1.1                     | 1.67                            | 4.41                    | 6.88    | 9.3     |
| Norwich . . . . . N 10%      | 38  | Ø                                    | 1.0                                      | 50                                       | 3.5                   | 1.2             | w0.7            | 1.0                     | 1.75                            | 4.15                    | 5.90    | 7.6     |
| Norwood . . . . .            | 42  | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.1     |
| §§Oakville . . . . .         | 40  | Ø                                    | ..                                       | 50                                       | 4.0                   | 1.8             | w0.7            | 1.1                     | 2.00                            | 5.04                    | 6.61    | 8.1     |
| Oil Springs . . . . .        | 45  | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 0.83                            | 3.78                    | 5.58    | 7.3     |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

\*Residential electric heating rate for all monthly consumption over 1250 Kwh.

For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
 a minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |   |                           |           |           |   |      |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|---|---------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kwh | Space Heating per Kwh<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand |   |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                               |  | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          | First<br>Block<br>Hours' Use<br>50 100                 | Second<br>Block<br>Hours' Use<br>50 100 | All Addi-<br>tional Hours |           |           |   |      |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          |  |   |                           | 200 Hours | 300 Hours |   |      |
| c                             | e  | c  | c                 | c                         | \$  | \$        | \$                       | c  | c                                       | c                         | c         | c         | \$  | \$   |
| 1.2                           | 1.5  | °4.0   | 0.8               | 0.5                       | 4.77  | 5.22      | 1.00                     | ..   | 2.5                                     | ..                        | 0.5       | 0.33      | 3.60  | 3.90 |
| 1.1                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.1                           | 1.5  | °3.3   | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | ..   | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.1                           | 1.5  | °5.2   | 0.8               | 0.5                       | 5.85  | 6.30      | 1.00                     | ..   | 3.2                                     | ..                        | 0.5       | 0.33      | 4.23  | 4.53 |
| ..                            | 1.5  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..   | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.3                           | ..   | 3.0  | ..                | 1.0                       | 4.05  | 4.95      | 1.35                     | 3.1  | ..                                      | 2.0                       | ..        | 0.33      | 3.81  | 4.10 |
| 1.0                           | 1.5  | 2.2  | ..                | 0.8                       | 3.15  | 3.87      | 1.20                     | 2.1  | ..                                      | 1.4                       | ..        | 0.30      | 2.92  | 3.19 |
| ..                            | ..   | 2.6  | ..                | 0.7                       | 3.42  | 4.05      | 1.35                     | 2.8  | ..                                      | 1.8                       | ..        | 0.33      | 3.58  | 3.88 |
| ..                            | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.5                                     | ..                        | 0.5       | 0.33      | 2.70  | 3.00 |
| ..                            | 1.35   | °1.6   | 0.7               | 0.45                      | 2.80  | 3.25      | 1.00                     | ..   | 0.9                                     | ..                        | 0.5       | 0.30      | 2.40  | 2.70 |
| 1.3                           | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 2.1                                     | ..                        | 0.5       | 0.33      | 3.24  | 3.54 |
| ..                            | 1.5  | °3.5   | 0.8               | 0.5                       | 4.32  | 4.77      | 1.00                     | ..   | 2.3                                     | ..                        | 0.5       | 0.33      | 3.42  | 3.72 |
| 1.2                           | 1.35   | °2.1   | 0.7               | 0.4                       | 3.30  | 3.70      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.30      | 3.10  | 3.40 |
| ..                            | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.8                                     | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.2                           | 1.5  | °1.7   | 0.8               | 0.5                       | 2.70  | 3.15      | 1.00                     | ..   | 1.2                                     | ..                        | 0.5       | 0.33      | 2.43  | 2.73 |
| 1.4                           | 1.5  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..   | 2.1                                     | ..                        | 0.5       | 0.33      | 3.24  | 3.54 |
| ..                            | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| ..                            | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.8                                     | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| ..                            | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.1                           | 1.35   | °2.0   | 0.7               | 0.45                      | 3.20  | 3.65      | 1.00                     | ..   | 1.5                                     | ..                        | 0.5       | 0.30      | 3.00  | 3.30 |
| 1.1                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.3                                     | ..                        | 0.5       | 0.33      | 2.52  | 2.82 |
| 1.3                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.33      | 3.15  | 3.45 |
| ..                            | 1.35   | °1.7   | 0.7               | 0.45                      | 2.90  | 3.35      | 1.00                     | ..   | 1.0                                     | ..                        | 0.5       | 0.30      | 2.50  | 2.80 |
| ..                            | ..   | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.2                           | ..   | 3.8  | ..                | 1.2                       | 4.95  | 6.03      | 1.35                     | 2.5  | ..                                      | 1.6                       | ..        | 0.33      | 3.36  | 3.65 |
| ..                            | ..   | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.0                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| ..                            | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.9                                     | ..                        | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.1                           | 1.5  | °3.6   | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..   | 2.4                                     | ..                        | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.2                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.2                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.4                                     | ..                        | 0.5       | 0.33      | 2.61  | 2.91 |
| 1.4                           | 1.5  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..   | 2.1                                     | ..                        | 0.5       | 0.33      | 3.24  | 3.54 |
| 1.1                           | S  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.5                                     | ..                        | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.1                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.2                           | 1.5  | 2.0  | ..                | 0.9                       | 3.06  | 3.87      | 1.20                     | 2.1  | ..                                      | 1.4                       | ..        | 0.30      | 2.92  | 3.19 |
| 1.2                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..   | 1.7                                     | ..                        | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.1                           | 1.35   | °2.7   | 0.7               | 0.45                      | 3.90  | 4.35      | 1.00                     | ..   | 2.0                                     | ..                        | 0.5       | 0.30      | 3.50  | 3.80 |
| 1.1                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.6                                     | ..                        | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.3                           | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 1.8                                     | ..                        | 0.5       | 0.33      | 2.97  | 3.27 |
| ..                            | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2                                     | ..                        | 0.5       | 0.33      | 3.33  | 3.63 |



# RATES AND TYPICAL BILLS FOR in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                                | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                     |   |  |                       |                 |                 |                         |                                 |                         |         |         |      |
|--------------------------------|--|---|---|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|------|
|                                |  | House<br>Heating per Kwh<br>(See Notes) | All-Electric<br>Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |      |
|                                |  |   |   |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |      |
|                                | ¢  | ¢                                       | ¢   |  | ¢                     | ¢               | ¢               | ¢                       | \$                              | \$                      | \$      | \$      |      |
| Omamee . . . . .               | 45   | □                                       | ..  | 50                                       | 3.4                   | 1.7             | w0.9            | 1.1                     | 2.22                            | 4.59                    | 6.61    | 8.64    |      |
| Orangeville . . . . .          | 43   | 1.1                                     | 1.1   | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.10    |      |
| Orillia . . . . .              | 36   | 1.33                                    | 1.1   | 60                                       | 2.3                   | ...             | ...             | 0.9                     | 1.67                            | 2.78                    | 4.81    | 6.83    |      |
| Orono . . . . . N 5%           | 40   | ..                                      | ●   | 50                                       | 4.0                   | 1.6             | w0.8            | 1.0                     | 2.00                            | 5.20                    | 7.20    | 9.20    |      |
| Oshawa . . . . . N 10%         | 34   | ∅                                       | 1.0   | 50                                       | 2.5                   | 1.1             | 0.8c            | 1.0                     | 1.50                            | 3.45                    | 5.45    | 7.45    |      |
| !Ottawa . . . . .              | 32   | ..                                      | +2.0  | ..                                       | a{60☆                 | {2.0            | ...             | ...                     | ☆0.5                            | 0.83                    | 2.95    | 4.14    | 5.33 |
|                                |  |   |   |  | 60                    | 1.0             |                 |                         |                                 |                         |         |         |      |
| Otterville . . . . .           | 44   | □                                       | ..  | 50                                       | 3.4                   | 1.4             | w0.8            | 1.1                     | 1.50                            | 4.05                    | 5.85    | 7.65    |      |
| Owen Sound . . . . .           | 37   | 1.1                                     | 1.1   | 60                                       | 2.4                   | ...             | ...             | 1.1                     | 1.11                            | 3.18                    | 5.65    | 8.13    |      |
| Paisley . . . . .              | 43   | 1.1                                     | ..  | 60                                       | 3.5                   | ...             | ...             | 1.0                     | 1.39                            | 3.60                    | 5.85    | 8.10    |      |
| Palmerston . . . . .           | 43   | ∅                                       | 1.1   | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 2.22                            | 4.05                    | 5.85    | 7.65    |      |
| Paris . . . . .                | 42   | 1.2                                     | ..  | 60                                       | 2.8                   | ...             | ...             | 1.3                     | 0.83                            | 3.73                    | 6.66    | 9.58    |      |
| Parkhill . . . . .             | 44   | 1.2                                     | ..  | 50                                       | 3.2                   | 1.6             | 0.9             | 1.3                     | 1.11                            | 4.32                    | 6.34    | 8.37    |      |
| Parry Sound . . . . .          | 42   | ∅                                       | 1.1   | 50                                       | 3.4                   | 1.7             | ...             | 1.1                     | 1.67                            | 4.59                    | 7.06    | 9.54    |      |
| Penetanguishene . . . . .      | 37   | ∅                                       | ..  | 50                                       | 2.2                   | 1.1             | 0.7             | 1.1                     | 1.11                            | 2.97                    | 4.54    | 6.12    |      |
| Perth . . . . .                | 37   | 1.1                                     | ..  | 50                                       | 2.8                   | 1.4             | ...             | 1.0                     | 1.67                            | 3.78                    | 6.03    | 8.28    |      |
| Peterborough . . . . .         | 36   | □                                       | 1.1   | 50                                       | 4.7                   | ...             | ...             | 1.1                     | 2.35                            | 4.09                    | 6.57    | 9.04    |      |
| Petrolia . . . . .             | 45   | □                                       | ..  | 50                                       | 3.2                   | 1.6             | 1.0             | 1.1                     | 0.83                            | 4.32                    | 6.57    | 8.82    |      |
| Pickering . . . . .            | 37   | □                                       | ●   | 50                                       | 3.8                   | 1.9             | w0.8            | 1.1                     | 1.90                            | 5.13                    | 6.93    | 8.73    |      |
| †Pickle Lake Landing . . . . . | 45   | ∅                                       | ✦   | 50                                       | 4.4                   | 2.2             | w0.9            | 1.2                     | 2.22                            | 5.94                    | 7.96    | 9.99    |      |
| Picton . . . . .               | 41   | □                                       | ..  | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.11    |      |
| Plantagenet . . . . .          | 43   | □                                       | ..  | 50                                       | 4.8                   | 2.4             | w0.8            | 1.1                     | 2.40                            | 6.48                    | 8.28    | 10.08   |      |
| Plattsville . . . . .          | 42   | ∅                                       | 1.1   | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.70                            | 4.59                    | 6.39    | 8.19    |      |
| Point Edward . . . . .         | 38   | ∅                                       | 1.1   | 50                                       | 3.0                   | 1.5             | 0.9             | 1.1                     | 1.67                            | 4.05                    | 6.07    | 8.10    |      |
| Port Arthur . . . . .          | 38   | 1.2                                     | ▼   | 50                                       | 4.0                   | 1.2             | w0.6            | 0.9                     | 2.00                            | 3.96                    | 5.31    | 6.66    |      |
| Port Burwell . . . . .         | 45   | ∅                                       | 1.2   | 50                                       | 4.4                   | 2.2             | w0.8            | 1.2                     | 2.78                            | 5.94                    | 7.74    | 9.54    |      |
| †Port Carling . . . . .        | 41   | 1.22                                    | ..  | 50                                       | 4.4                   | 2.2             | w0.8            | 1.2                     | 3.33                            | 5.94                    | 7.74    | 9.54    |      |
| Port Colborne . . . . .        | 41   | □                                       | 1.1   | 60                                       | 2.8                   | 1.2             | w0.8            | 1.2                     | 0.83                            | 3.56                    | 5.40    | 7.20    |      |
| Port Credit . . . . .          | 38   | 1.2                                     | ..  | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.38    |      |
| Port Dover . . . . .           | 49   | ∅                                       | ..  | 50                                       | 2.8                   | 1.4             | w0.8            | 1.1                     | 2.22                            | 3.78                    | 5.58    | 7.38    |      |
| Port Elgin . . . . .           | 44   | □                                       | 1.2   | 50                                       | 3.2                   | 1.6             | 0.9             | 1.3                     | 2.00                            | 4.32                    | 6.34    | 8.37    |      |
| Port Hope . . . . .            | 40   | □                                       | 1.1   | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.11                            | 4.05                    | 6.07    | 8.10    |      |
| Port McNicoll . . . . . N 10%  | 39   | ∅                                       | ..  | 50                                       | 2.3                   | 1.0             | w0.6            | 1.0                     | 1.65                            | 3.15                    | 4.65    | 6.15    |      |
| Port Perry . . . . .           | 45   | ∅                                       | ..  | 50                                       | 3.4                   | 1.4             | w0.7            | 1.1                     | 1.70                            | 4.05                    | 5.62    | 7.20    |      |
| Port Rowan . . . . .           | 50   | 1.2                                     | ..  | 50                                       | 3.0                   | 1.4             | w0.8            | 1.1                     | 2.22                            | 3.87                    | 5.67    | 7.47    |      |
| Port Stanley . . . . .         | 45   | ∅                                       | ..  | 50                                       | 3.2                   | 1.6             | 1.0             | 1.1                     | 2.22                            | 4.32                    | 6.57    | 8.82    |      |
| †Powassan . . . . .            | 42   | 1.22                                    | ..  | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.67                            | 4.86                    | 6.66    | 8.46    |      |
| Prescott . . . . .             | 37   | 1.1                                     | 1.1   | 50                                       | 2.4                   | 1.2             | w0.6            | 1.0                     | 1.67                            | 3.24                    | 4.59    | 5.94    |      |
| Preston . . . . .              | 36   | □                                       | 1.1   | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.39                            | 4.05                    | 6.07    | 8.10    |      |
| Priceville . . . . .           | 47   | □                                       | ..  | 50                                       | 4.0                   | 2.0             | ...             | 1.2                     | 2.00                            | 5.40                    | 8.10    | 10.80   |      |
| Princeton . . . . .            | 45   | 1.1                                     | 1.1   | 60                                       | 3.0                   | ...             | ...             | 1.0                     | 1.39                            | 3.33                    | 5.58    | 7.83    |      |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

!Prompt-payment discount 5% (Inc. Eastview & Rockliffe Park).

+ Residential Electric Heating 2.0¢ gross per kwh for all monthly consumption over 1500 kwh, where total load is on one meter, applicable to customers so designated by the utility.

For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
a minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |                      |                           |           |           |   |      |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|----------------------|---------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kwh | Space Heating per Kwh<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand |                      |                           |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                               |  | Energy Rate per Kwh<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          | First<br>Block   | Second<br>Block      | All Addi-<br>tional Hours |           |           |   |      |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          | Hours' Use<br>50 100                                   | Hours' Use<br>50 100 |                           | 200 Hours | 300 Hours |   |      |
| c                             | c  | c  | c                 | c                         | \$  | \$        | \$                       | c  | c                    | c                         | c         | c         | \$  | \$   |
| ...                           | 1.5  | °3.2   | 0.8               | 0.5                       | 4.05  | 4.50      | 1.00                     | ...  | 2.8                  | ...                       | 0.5       | 0.33      | 3.87  | 4.17 |
| ...                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ...  | 1.4                  | ...                       | 0.5       | 0.33      | 2.61  | 2.91 |
| ...                           | 1.5  | 1.8  | ...               | 0.8                       | 2.79  | 3.51      | 1.00                     | 1.4  | ...                  | 0.9                       | ...       | 0.30      | 2.20  | 2.47 |
| 1.2                           | 1.35   | °2.6   | 0.7               | 0.45                      | 3.80  | 4.25      | 1.00                     | ...  | 2.1                  | ...                       | 0.5       | 0.30      | 3.60  | 3.90 |
| 1.1                           | 1.35   | °1.6   | 0.7               | 0.45                      | 2.80  | 3.25      | 1.00                     | ...  | 1.3                  | ...                       | 0.5       | 0.30      | 2.80  | 3.10 |
| ...                           | ...  | 2.0  | 0.8               | 0.5                       | 3.14  | 3.61      | 1.00                     | ...  | 1.4                  | ...                       | 0.5       | 0.33      | 2.76  | 3.07 |
| ...                           | ...  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ...  | 2.5                  | ...                       | 0.5       | 0.33      | 3.60  | 3.90 |
| ...                           | ...  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | 1.5  | ...                  | 1.1                       | ...       | 0.30      | 2.34  | 2.61 |
| ...                           | 1.5  | 3.0  | ...               | 1.0                       | 4.05  | 4.95      | 1.35                     | 2.6  | ...                  | 1.7                       | ...       | 0.33      | 3.45  | 3.74 |
| 1.2                           | 1.5  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ...  | 1.7                  | ...                       | 0.5       | 0.33      | 2.88  | 3.18 |
| ...                           | 1.5  | 2.3  | ...               | 0.8                       | 3.24  | 3.96      | 1.00                     | 1.5  | ...                  | 1.1                       | ...       | 0.30      | 2.34  | 2.61 |
| 1.3                           | ...  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ...  | 2.2                  | ...                       | 0.5       | 0.33      | 3.33  | 3.63 |
| 1.5                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ...  | 2.1                  | ...                       | 0.5       | 0.33      | 3.24  | 3.54 |
| ...                           | ...  | °1.6   | 0.8               | 0.5                       | 2.61  | 3.06      | 1.00                     | ...  | 1.0                  | ...                       | 0.5       | 0.33      | 2.25  | 2.55 |
| ...                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ...  | 1.3                  | ...                       | 0.5       | 0.33      | 2.52  | 2.82 |
| 1.1                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ...  | 1.2                  | ...                       | 0.5       | 0.33      | 2.43  | 2.73 |
| ...                           | 1.5  | 3.2  | 0.8               | 0.5                       | 4.05  | 4.50      | 1.00                     | ...  | 2.7                  | ...                       | 0.5       | 0.33      | 3.78  | 4.08 |
| ...                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ...  | 1.5                  | ...                       | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.2                           | 1.5  | °3.8   | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ...  | 3.3                  | ...                       | 0.5       | 0.33      | 4.32  | 4.62 |
| ...                           | 1.5  | 2.1  | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ...  | 1.6                  | ...                       | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.2                           | 1.5  | °3.5   | 0.8               | 0.5                       | 4.32  | 4.77      | 1.00                     | ...  | 3.0                  | ...                       | 0.5       | 0.33      | 4.05  | 4.35 |
| 1.1                           | 1.5  | °3.2   | 0.8               | 0.5                       | 4.05  | 4.50      | 1.00                     | ...  | 2.5                  | ...                       | 0.5       | 0.33      | 3.60  | 3.90 |
| 1.3                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ...  | 1.6                  | ...                       | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ...  | 1.3                  | ...                       | 0.5       | 0.33      | 2.52  | 2.82 |
| ...                           | 1.5  | °3.4   | 0.8               | 0.5                       | 4.23  | 4.68      | 1.00                     | ...  | 2.5                  | ...                       | 0.5       | 0.33      | 3.60  | 3.90 |
| 1.6                           | 1.5  | 4.2  | 0.8               | 0.5                       | 4.95  | 5.40      | 1.00                     | ...  | 2.7                  | ...                       | 0.5       | 0.33      | 3.78  | 4.08 |
| 1.2                           | 1.5  | 2.5  | ...               | 1.1                       | 3.69  | 4.68      | 1.20                     | 1.9  | ...                  | 1.3                       | ...       | 0.30      | 2.79  | 3.06 |
| 1.4                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ...  | 1.7                  | ...                       | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.1                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ...  | 1.6                  | ...                       | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.2                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ...  | 2.2                  | ...                       | 0.5       | 0.33      | 3.33  | 3.63 |
| ...                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ...  | 1.6                  | ...                       | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                           | 1.35   | °1.9   | 0.7               | 0.45                      | 3.10  | 3.55      | 1.00                     | ...  | 1.4                  | ...                       | 0.5       | 0.30      | 2.90  | 3.20 |
| 1.1                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ...  | 1.8                  | ...                       | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ...  | 2.3                  | ...                       | 0.5       | 0.33      | 3.42  | 3.72 |
| ...                           | 1.5  | °2.9   | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ...  | 2.4                  | ...                       | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.1                           | 1.5  | °3.4   | 0.8               | 0.5                       | 4.23  | 4.68      | 1.00                     | ...  | 2.7                  | ...                       | 0.5       | 0.33      | 3.78  | 4.08 |
| 1.1                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ...  | 1.5                  | ...                       | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.2                           | ...  | °2.5   | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ...  | 1.5                  | ...                       | 0.5       | 0.33      | 2.70  | 3.00 |
| ...                           | ...  | 3.8  | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ...  | 2.9                  | ...                       | 0.5       | 0.33      | 3.96  | 4.26 |
| ...                           | 1.5  | 2.7  | ...               | 0.8                       | 3.60  | 4.32      | 1.20                     | 2.1  | ...                  | 1.4                       | ...       | 0.30      | 2.92  | 3.19 |

RATES AND TYPICAL BILLS FOR  
in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                        | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                  |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|------------------------|--|--------------------------------------|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                        |  | House Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                        |  |                                      |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                        | ¢  | ¢                                    | ¢  |  | ¢                     | ¢               | ¢               | ¢                       | \$                              | \$                      | \$      | \$      |
| Queenston.....         | 40   | 1.1                                  | ..                                       | 50                                       | 2.6                   | 1.3             | ...             | 0.8                     | 0.83                            | 3.51                    | 5.31    | 7.11    |
| Rainy River.....       | 48   | Ø                                    | ◆  | 50                                       | 5.0                   | 2.1             | w0.7            | 1.1                     | 2.50                            | 6.03                    | 7.60    | 9.18    |
| †Red Lake Twp.....     | 45   | Ø                                    | ◆  | 50                                       | 4.4                   | 2.2             | w0.9            | 1.2                     | 2.22                            | 5.94                    | 7.96    | 9.99    |
| Red Rock.....N 10%     | 32   | 1.1                                  | 1.0                                      | 50                                       | 3.0                   | 1.0             | w0.5            | 0.9                     | 1.50                            | 3.50                    | 4.75    | 6.00    |
| Renfrew.....           | 36   | 1.1                                  | ..                                       | 50                                       | 2.6                   | 1.3             | 0.7             | 1.0                     | 1.11                            | 3.51                    | 5.08    | 6.60    |
| Richmond.....          | 35   | 1.2                                  | 1.1                                      | 50                                       | 3.0                   | 1.3             | w0.7            | 1.1                     | 1.50                            | 3.69                    | 5.26    | 6.84    |
| Richmond Hill..N 10%   | 37   | Ø                                    | 1.0                                      | 50                                       | 3.4                   | 1.2             | w0.7            | 1.0                     | 1.70                            | 4.10                    | 5.85    | 7.60    |
| Ridgetown.....N 5%     | 40   | Ø                                    | 1.0                                      | 50                                       | 3.0                   | 1.4             | w0.7            | 1.0                     | 1.50                            | 4.30                    | 6.05    | 7.80    |
| Ripley.....            | 43   | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.39                            | 3.78                    | 5.58    | 7.33    |
| Rockland.....          | 40   | Ø                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.67                            | 4.05                    | 5.85    | 7.60    |
| Rockwood.....          | 45   | Ø                                    | 1.1                                      | 50                                       | 4.0                   | 1.4             | w0.7            | 1.1                     | 2.00                            | 4.32                    | 5.89    | 7.47    |
| Rodney.....            | 45   | ..                                   | 1.1                                      | 50                                       | 3.2                   | 1.6             | w0.8            | 1.2                     | 1.60                            | 4.32                    | 6.12    | 7.92    |
| Rosseau.....           | 43   | □                                    | ..                                       | 50                                       | 5.0                   | 1.2             | ...             | 1.1                     | 2.50                            | 4.41                    | 6.88    | 9.30    |
| Russell.....           | 38   | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | w0.8            | 1.1                     | 1.33                            | 3.51                    | 5.31    | 7.11    |
| St. Catharines.....    | 42   | Ø                                    | 1.1                                      | 50                                       | 3.5                   | 1.3             | w0.7            | 1.1                     | 1.75                            | 3.91                    | 5.49    | 7.00    |
| St. Clair Beach.....   | 42   | □                                    | 1.1                                      | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.67                            | 4.86                    | 6.66    | 8.46    |
| St. George.....        | 44   | 1.1                                  | ..                                       | 50                                       | 2.4                   | 1.2             | 0.7             | 1.0                     | 1.11                            | 3.24                    | 4.81    | 6.33    |
| St. Jacobs.....        | 42   | Ø                                    | 1.1                                      | 60                                       | 3.0                   | ...             | ...             | 1.1                     | 0.83                            | 3.50                    | 5.98    | 8.48    |
| St. Mary's.....        | 43   | *39                                  | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 1.39                            | 4.05                    | 6.07    | 8.10    |
| St. Thomas.....        | 40   | □                                    | 1.1                                      | 50                                       | 3.2                   | 1.6             | ...             | 1.1                     | 1.11                            | 4.32                    | 6.79    | 9.22    |
| Sandwich West Twp..... | 41   | 1.1                                  | 1.1                                      | 50                                       | 4.0                   | 1.9             | ...             | 1.0                     | 1.67                            | 5.22                    | 7.47    | 9.72    |
| Sarnia.....N 5%        | 38   | □                                    | ..                                       | 50                                       | 3.4                   | 1.2             | w0.6            | 0.95                    | 1.70                            | 4.10                    | 5.60    | 7.10    |
| Small Commercial       |  |                                      |  | 50                                       | 3.6                   | 1.5             | w0.6            | 1.0                     | 1.70                            | 4.80                    | 6.30    | 7.80    |
| Scarborough Twp.....   | 37   | 1.2                                  | 1.1                                      | 50                                       | 3.0                   | 1.5             | ...             | 1.0                     | 2.22                            | 4.05                    | 6.30    | 8.55    |
| Schreiber Twp.....     | 37   | 1.2                                  | 1.11                                     | 50                                       | 3.0                   | 1.1             | w0.7            | 1.0                     | 2.00                            | 3.33                    | 4.90    | 6.43    |
| Seaforth.....          | 36   | □                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.2                     | 1.11                            | 4.05                    | 5.85    | 7.60    |
| Shelburne.....         | 43   | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.33    |
| Simcoe.....            | 41   | 1.1                                  | 1.1                                      | 50                                       | 2.2                   | 1.1             | 0.7             | 1.0                     | 1.11                            | 2.97                    | 4.54    | 6.11    |
| Sioux Lookout.....     | 49   | □                                    | ..                                       | 50                                       | 4.0                   | 1.5             | w0.9            | 1.2                     | 2.00                            | 4.50                    | 6.52    | 8.52    |
| Smith's Falls.....     | 40   | ..                                   | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.50                            | 4.05                    | 5.85    | 7.60    |
| Smithville.....        | 44   | □                                    | ..                                       | 60                                       | 3.2                   | ...             | ...             | 1.2                     | 0.83                            | 3.78                    | 6.48    | 9.18    |
| Southampton.....       | 45   | □                                    | ..                                       | 50                                       | 3.2                   | ...             | ...             | 1.1                     | 1.11                            | 3.42                    | 5.89    | 8.33    |
| †South Porcupine.....  | 42   | 1.22                                 | ..                                       | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.39                            | 4.59                    | 6.39    | 8.19    |
| South River.....       | 45   | Ø                                    | ◆  | 50                                       | 5.0                   | 2.5             | w0.8            | 1.1                     | 2.22                            | 6.75                    | 8.55    | 10.35   |
| Springfield.....       | 41   | Ø                                    | ..                                       | 50                                       | 3.0                   | 1.3             | w0.7            | 1.1                     | 2.22                            | 3.69                    | 5.26    | 6.83    |
| Stayner.....N 10%      | 41   | Ø                                    | ..                                       | 50                                       | 2.4                   | 1.2             | w0.7            | 1.0                     | 1.20                            | 3.60                    | 5.35    | 7.10    |
| Stirling.....          | 38   | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.33    |
| Stoney Creek.....      | 45   | Ø                                    | 1.1                                      | 50                                       | 3.6                   | 1.6             | w0.8            | 1.1                     | 2.00                            | 4.50                    | 6.30    | 8.10    |
| Stouffville.....       | 39   | 1.1                                  | 1.1                                      | 50                                       | 3.4                   | 1.6             | w0.7            | 1.1                     | 1.70                            | 4.41                    | 5.98    | 7.50    |
| Stratford.....N 5%     | 40   | □                                    | 1.0                                      | 50                                       | 4.0                   | 1.3             | ...             | 1.0                     | 1.75                            | 4.60                    | 7.10    | 9.60    |
| Strathroy.....         | 37   | □                                    | ..                                       | 50                                       | 3.8                   | 1.4             | 0.8             | 1.1                     | 2.00                            | 4.23                    | 6.03    | 7.83    |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

\*Applicable to flat-rate water-heaters of 700 watts and above.

For explanatory notes and water-heating schedules see pages 234 and 235.



## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
a minimum monthly charge

| COMMERCIAL SERVICE             |   |  |                   |                              |   |           | INDUSTRIAL POWER SERVICE |   |   |                              |           |           |   |      |
|--------------------------------|---|--|-------------------|------------------------------|---|-----------|--------------------------|---|---|------------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per Kw/h | Space Heating per Kw/h<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                              | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kw/h<br>for Use of<br>Each Kw of Demand |   |                              |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                                |   | Energy Rate per Kw/h<br>for Use of<br>Each Kw of Demand        |                   |                              |   |           |                          | First<br>Block<br>Hours' Use<br>50 100                  | Second<br>Block<br>Hours' Use<br>50 100 | All Addi-<br>tional<br>Hours |           |           |   |      |
|                                |   | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional<br>Hours | 200 Hours   | 300 Hours |                          |   |   |                              | 200 Hours | 300 Hours |   |      |
| c                              | c   | c  | c                 | c                            | \$  | \$        | \$                       | c   | c                                       | c                            | c         | c         | \$  | \$   |
| ...                            | ...   | °2.4   | 0.8               | 0.5                          | 3.33  | 3.78      | 1.00                     | ..  | 1.8                                     | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.3                            | 1.5   | °3.0   | 0.8               | 0.5                          | 3.87  | 4.32      | 1.00                     | ..  | 2.5                                     | ..                           | 0.5       | 0.33      | 3.60  | 3.90 |
| 1.2                            | 1.5   | °3.8   | 0.8               | 0.5                          | 4.59  | 5.04      | 1.00                     | ..  | 3.3                                     | ..                           | 0.5       | 0.33      | 4.32  | 4.62 |
| 1.1                            | 1.35  | °1.2   | 0.7               | 0.45                         | 2.40  | 2.85      | 1.00                     | ..  | 0.7                                     | ..                           | 0.5       | 0.30      | 2.20  | 2.50 |
| ...                            | ...   | °1.8   | 0.8               | 0.5                          | 2.79  | 3.24      | 1.00                     | ..  | 1.2                                     | ..                           | 0.5       | 0.33      | 2.43  | 2.73 |
| ...                            | ...   | °2.3   | 0.8               | 0.5                          | 3.24  | 3.69      | 1.00                     | ..  | 1.9                                     | ..                           | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.2                            | 1.35  | °2.0   | 0.7               | 0.45                         | 3.20  | 3.65      | 1.00                     | ..  | 1.4                                     | ..                           | 0.5       | 0.30      | 2.90  | 3.20 |
| ...                            | 1.35  | 2.1  | ...               | 0.8                          | 3.40  | 4.20      | 1.00                     | ..  | 1.9                                     | ..                           | 0.5       | 0.30      | 3.40  | 3.70 |
| ...                            | ...   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 1.8                                     | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| ...                            | ...   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 1.8                                     | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| ...                            | 1.5   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                            | 1.5   | °3.0   | 0.8               | 0.5                          | 3.87  | 4.32      | 1.00                     | ..  | 2.5                                     | ..                           | 0.5       | 0.33      | 3.60  | 3.90 |
| ...                            | 1.5   | °2.9   | 0.8               | 0.5                          | 3.78  | 4.23      | 1.00                     | ..  | 2.1                                     | ..                           | 0.5       | 0.33      | 3.24  | 3.54 |
| ...                            | 1.5   | °2.0   | 0.8               | 0.5                          | 2.97  | 3.42      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.1                            | 1.5   | 2.3  | 0.8               | 0.5                          | 3.24  | 3.69      | 1.20                     | 1.9   | ..                                      | 1.3                          | ..        | 0.30      | 2.79  | 3.06 |
| ...                            | 1.5   | °3.0   | 0.8               | 0.5                          | 3.87  | 4.32      | 1.00                     | ..  | 2.3                                     | ..                           | 0.5       | 0.33      | 3.42  | 3.72 |
| ...                            | 1.5   | °2.2   | 0.8               | 0.5                          | 3.15  | 3.60      | 1.00                     | ..  | 1.9                                     | ..                           | 0.5       | 0.33      | 3.06  | 3.36 |
| ...                            | ...   | 2.5  | ...               | 1.0                          | 3.60  | 4.50      | 1.20                     | 1.7   | ..                                      | 1.2                          | ..        | 0.30      | 2.65  | 2.92 |
| ...                            | ...   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 1.5                                     | ..                           | 0.5       | 0.33      | 2.70  | 3.00 |
| ...                            | 1.5   | °2.3   | 0.8               | 0.5                          | 3.24  | 3.69      | 1.00                     | ..  | 1.6                                     | ..                           | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.0                            | 1.5   | °2.9   | 0.8               | 0.5                          | 3.78  | 4.23      | 1.00                     | ..  | 2.4                                     | ..                           | 0.5       | 0.33      | 3.51  | 3.81 |
| ...                            | ...   | 2.5  | 0.7               | 0.45                         | 3.70  | 4.15      | x1.00                    | ..  | 1.5                                     | ..                           | 0.5       | 0.30      | 3.00  | 3.30 |
| 1.2                            | 1.5   | °2.3   | 0.8               | 0.5                          | 3.24  | 3.69      | 1.00                     | ..  | 1.8                                     | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                            | 1.5   | °2.2   | 0.8               | 0.5                          | 3.15  | 3.60      | 1.00                     | ..  | 1.6                                     | ..                           | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                            | 1.5   | °2.3   | 0.8               | 0.5                          | 3.24  | 3.69      | 1.00                     | ..  | 1.6                                     | ..                           | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.1                            | ...   | °2.2   | 0.8               | 0.5                          | 3.15  | 3.60      | 1.00                     | ..  | 1.5                                     | ..                           | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.0                            | 1.5   | °1.9   | 0.8               | 0.5                          | 2.88  | 3.33      | 1.00                     | ..  | 1.4                                     | ..                           | 0.5       | 0.33      | 2.61  | 2.91 |
| 1.2                            | 1.5   | 3.5  | 0.8               | 0.5                          | 4.32  | 4.77      | 1.00                     | ..  | 2.4                                     | ..                           | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.1                            | 1.5   | °2.0   | 0.8               | 0.5                          | 2.97  | 3.42      | 1.00                     | ..  | 1.4                                     | ..                           | 0.5       | 0.33      | 2.61  | 2.91 |
| ...                            | 1.5   | 2.8  | ...               | 1.1                          | 3.96  | 4.95      | 1.35                     | 2.5   | ..                                      | 1.6                          | ..        | 0.33      | 3.36  | 3.65 |
| ...                            | 1.5   | 2.9  | ...               | 1.1                          | 4.05  | 5.04      | 1.35                     | 2.2   | ..                                      | 1.4                          | ..        | 0.33      | 3.13  | 3.43 |
| 1.1                            | 1.5   | °3.3   | 0.8               | 0.5                          | 4.14  | 4.59      | 1.00                     | ..  | 2.4                                     | ..                           | 0.5       | 0.33      | 3.51  | 3.81 |
| 1.2                            | 1.5   | °4.5   | 0.8               | 0.5                          | 5.22  | 5.67      | 1.00                     | ..  | 3.5                                     | ..                           | 0.5       | 0.33      | 4.50  | 4.80 |
| 1.5                            | 1.5   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.0                            | 1.35  | °1.8   | 0.7               | 0.45                         | 3.00  | 3.45      | 1.00                     | ..  | 1.3                                     | ..                           | 0.5       | 0.30      | 2.80  | 3.10 |
| ...                            | 1.5   | °2.2   | 0.8               | 0.5                          | 3.15  | 3.60      | 1.00                     | ..  | 1.3                                     | ..                           | 0.5       | 0.33      | 2.52  | 2.82 |
| 1.2                            | 1.5   | °2.7   | 0.8               | 0.5                          | 3.60  | 4.05      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| 1.3                            | 1.5   | °2.5   | 0.8               | 0.5                          | 3.42  | 3.87      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| General Rate (See Notes)       |   |  |                   |                              |   |           | General Rate (See Notes) |   |   |                              |           |           |   |      |
| 1.1                            | 1.5   | °2.7   | 0.8               | 0.5                          | 3.60  | 4.05      | 1.00                     | ..  | 2.0                                     | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |

x Applicable For Loads Under 500 KW;  
For Loads of 500-5,000 KW  
And Loads over 5,000 KW

**Demand Charge**  
\$1.70/Kw/Mo.  
\$2.05/Kw/Mo.

**Energy Charge**  
0.4¢/Kwh  
0.3¢Kwh

# RATES AND TYPICAL BILLS FOR in Effect

*Rates are quoted on a monthly basis and  
(unless otherwise noted) and*

|                       | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                  |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|-----------------------|--|--------------------------------------|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                       |  | House Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                       |  |                                      |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
|                       | ¢  | ¢                                    | ¢  |  | ¢                     | ¢               | ¢               | ¢                       | \$                              | \$                      | \$      | \$      |
| Streetsville.....     | 43   | 1.2                                  | 1.1                                      | 50                                       | 4.0                   | 1.3             | w0.7            | 1.1                     | 2.00                            | 4.14                    | 5.71    | 7.29    |
| Sturgeon Falls.....   | 40   | □                                    | 1.2                                      | 50                                       | 3.2                   | 1.6             | ...             | 1.2                     | 2.22                            | 4.32                    | 7.02    | 9.72    |
| Sudbury..... N 10%    | 32   | 1.1                                  | 1.0                                      | 50                                       | 3.0                   | 1.2             | w0.7            | 1.0                     | 1.50                            | 3.90                    | 5.65    | 7.40    |
| Sunderland.....       | 40   | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.7             | 1.1                     | 1.11                            | 3.51                    | 5.08    | 6.66    |
| Sundridge.....        | 43   | ∅                                    | ..                                       | 50                                       | 2.8                   | 1.4             | w0.8            | 1.1                     | 2.22                            | 3.78                    | 5.58    | 7.38    |
| Sutton.....           | 45   | ∅                                    | ..                                       | 50                                       | 4.0                   | 1.7             | w0.7            | 1.1                     | 2.00                            | 4.86                    | 6.43    | 8.01    |
| Swansea.....          | 37   | 1.2                                  | 1.1                                      | 50                                       | 2.8                   | 1.4             | ...             | 1.0                     | 1.67                            | 3.78                    | 6.03    | 8.28    |
| Tara.....             | 41   | ∅                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.11    |
| Tavistock.....        | 33   | 1.1                                  | ..                                       | 50                                       | 3.2                   | 1.4             | w0.6            | 1.2                     | 1.67                            | 3.96                    | 5.31    | 6.66    |
| Tecumseh.....         | 41   | □                                    | 1.1                                      | 50                                       | 3.6                   | 1.8             | w0.8            | 1.1                     | 1.67                            | 4.86                    | 6.66    | 8.46    |
| Teeswater.....        | 42   | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.11    |
| Terrace Bay Twp.....  | 36   | 1.3                                  | 1.11                                     | 50                                       | 2.6                   | 1.3             | ...             | 0.9                     | 1.67                            | 3.51                    | 5.53    | 7.56    |
| Thamesford.....       | 45   | ∅                                    | 1.1                                      | 50                                       | 3.7                   | 1.5             | w0.8            | 1.1                     | 2.00                            | 4.36                    | 6.16    | 7.96    |
| Thamesville.....      | 45   | □                                    | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 0.83                            | 3.78                    | 5.58    | 7.38    |
| Thedford.....         | 45   | □                                    | ..                                       | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.67                            | 4.05                    | 5.85    | 7.65    |
| Thessalon.....        | 48   | □                                    | 1.2                                      | 50                                       | 4.0                   | 2.0             | w0.8            | 1.2                     | 2.22                            | 5.40                    | 7.20    | 9.00    |
| Thornbury..... N 10%  | 42   | ∅                                    | 1.0                                      | 50                                       | 3.0                   | 1.3             | w0.8            | 1.0                     | 1.50                            | 4.10                    | 6.10    | 8.10    |
| Thorndale.....        | 42   | 1.2                                  | ..                                       | 50                                       | 3.2                   | 1.6             | 1.0             | 1.4                     | 1.11                            | 4.32                    | 6.57    | 8.82    |
| †Thornloe.....        | 42   | 1.39                                 | ..                                       | 50                                       | 4.0                   | 2.0             | w0.8            | 1.1                     | 1.39                            | 5.40                    | 7.20    | 9.00    |
| Thornton.....         | 39   | 1.1                                  | ..                                       | 60                                       | 3.8                   | ...             | ...             | 1.0                     | 1.39                            | 3.76                    | 6.01    | 8.26    |
| Thorold.....          | 40   | ∅                                    | ..                                       | 50                                       | 4.0                   | 2.1             | w0.8            | 1.2                     | 2.22                            | 5.58                    | 7.38    | 9.18    |
| Tilbury.....          | 45   | 1.2                                  | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.9             | 1.2                     | 0.83                            | 4.05                    | 6.07    | 8.10    |
| Tillsonburg.....      | 40   | □                                    | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.1                     | 1.67                            | 4.05                    | 5.85    | 7.65    |
| †Timmins.....         | 42   | ∅                                    | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.39                            | 4.59                    | 6.39    | 8.19    |
| † Schumacher.....     | 42   | 1.22                                 | ..                                       | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.39                            | 4.59                    | 6.39    | 8.19    |
| Toronto.....          | ★  | □                                    | 1.1                                      | 60                                       | 2.0                   | ...             | ...             | 1.4                     | 0.83                            | 3.47                    | 6.62    | 9.77    |
| Toronto Twp.. N 10%   | 37   | ∅                                    | ..                                       | 50                                       | 4.0                   | 1.4             | w0.7            | 1.0                     | 2.00                            | 4.80                    | 6.55    | 8.30    |
| Tottenham.....        | 43   | ∅                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.39                            | 3.51                    | 5.31    | 7.11    |
| Trenton.....          | 34   | 1.1                                  | 1.1                                      | 50                                       | 2.4                   | 1.2             | 0.7             | 1.0                     | 1.11                            | 3.24                    | 4.81    | 6.39    |
| Tweed.....            | 37   | 1.1                                  | ..                                       | 50                                       | 2.4                   | 1.2             | w0.7            | 1.0                     | 1.50                            | 3.24                    | 4.81    | 6.39    |
| Uxbridge.....         | 39   | 1.1                                  | ..                                       | 50                                       | 2.6                   | 1.3             | 0.7             | 1.0                     | 1.11                            | 3.51                    | 5.08    | 6.66    |
| Vankleek Hill.. N 10% | 37   | ∅                                    | 1.0                                      | 50                                       | 2.2                   | 1.1             | w0.6            | 1.0                     | 1.50                            | 3.30                    | 4.80    | 6.30    |
| Victoria Harbr. N 10% | 43   | ∅                                    | ..                                       | 50                                       | 3.3                   | 1.0             | w0.7            | 1.0                     | 1.65                            | 3.65                    | 5.40    | 7.15    |
| Walkerton.....        | 38   | □                                    | ..                                       | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.11                            | 3.51                    | 5.31    | 7.11    |
| Wallaceburg.....      | 41   | N1.0                                 | ..                                       | 50                                       | 2.4                   | 1.2             | 0.7             | 1.0                     | 1.11                            | 3.24                    | 4.81    | 6.39    |
| Wardsville.....       | 45   | 1.1                                  | ..                                       | 60                                       | 3.6                   | ...             | ...             | 0.9                     | 1.11                            | 3.48                    | 5.51    | 7.53    |
| Warkworth.....        | 41   | ..                                   | 1.1                                      | 50                                       | 3.4                   | 1.7             | w0.8            | 1.1                     | 1.70                            | 4.59                    | 6.39    | 8.19    |
| Wasaga Beach.....     | 42   | □                                    | ..                                       | 50                                       | 3.6                   | 1.8             | ...             | 1.1                     | 1.67                            | 4.86                    | 7.33    | 9.81    |
| Waterdown.....        | 40   | □                                    | 1.1                                      | 50                                       | 4.0                   | 1.3             | w0.8            | 1.1                     | 2.00                            | 4.14                    | 5.94    | 7.74    |
| Waterford.....        | 45   | ∅                                    | 1.1                                      | 50                                       | 3.4                   | 1.6             | w0.8            | 1.1                     | 2.22                            | 4.41                    | 6.21    | 8.01    |
| Waterloo..... N 5%    | 35   | ∅                                    | 1.0                                      | 50                                       | 3.6                   | 1.3             | ...             | 1.0                     | 2.50                            | 4.40                    | 6.90    | 9.40    |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

\*Applicable to flat rate water heaters of 750 watts and above; for flat rate water heaters of 700 watts or below, apply Schedule 39.

For explanatory notes and water-heating schedules see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
a minimum monthly charge

| COMMERCIAL SERVICE           |   |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |   |                      |                 |                           |           |   |      |
|------------------------------|---|--|-------------------|---------------------------|---|-----------|--------------------------|---|----------------------|-----------------|---------------------------|-----------|---|------|
| Commercial Cooking<br>per Kw | Space Heating per Kw<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand |                      |                 |                           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                              |   | Energy Rate per Kw<br>for Use of<br>Each Kw of Demand          |                   |                           |   |           |                          |   |                      |                 |                           |           |   |      |
|                              |   | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          | First<br>Block  |                      | Second<br>Block | All Addi-<br>tional Hours | 200 Hours | 300 Hours   |      |
|                              |   |  |                   |                           |   |           |                          | Hours' Use<br>50 100                                  | Hours' Use<br>50 100 |                 |                           |           |   |      |
| c                            | c   | c  | c                 | c                         | \$  | \$        | \$                       | c   | c                    | c               | c                         | c         | \$  | \$   |
| 1.2                          | 1.5   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 1.7                  | ..              | 0.5                       | 0.33      | 2.88  | 3.18 |
| 1.2                          | 1.5   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.0                  | ..              | 0.5                       | 0.33      | 3.15  | 3.45 |
| 1.1                          | 1.35  | 2.2  | 0.7               | 0.45                      | 3.40  | 3.85      | 1.00                     | ..  | 1.5                  | ..              | 0.5                       | 0.30      | 3.00  | 3.30 |
| 1.5                          | 1.5   | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| 1.4                          | 1.5   | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.9                  | ..              | 0.5                       | 0.33      | 3.06  | 3.36 |
| 1.1                          | 1.5   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.2                  | ..              | 0.5                       | 0.33      | 3.33  | 3.63 |
| ...                          | 1.5   | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| ...                          | 1.5   | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.9                  | ..              | 0.5                       | 0.33      | 3.06  | 3.36 |
| 1.5                          | 1.5   | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| 1.2                          | 1.5   | 2.9  | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..  | 2.1                  | ..              | 0.5                       | 0.33      | 3.24  | 3.54 |
| ...                          | 1.5   | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| ...                          | ...   | 2.2  | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..  | 1.7                  | ..              | 0.5                       | 0.33      | 2.88  | 3.18 |
| 1.4                          | 1.5   | 2.8  | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..  | 2.3                  | ..              | 0.5                       | 0.33      | 3.42  | 3.72 |
| ...                          | 1.5   | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.7                  | ..              | 0.5                       | 0.33      | 2.88  | 3.18 |
| 1.1                          | 1.5   | 3.0  | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.3                  | ..              | 0.5                       | 0.33      | 3.42  | 3.72 |
| 1.2                          | 1.5   | 3.8  | 0.8               | 0.5                       | 4.59  | 5.04      | 1.00                     | ..  | 3.2                  | ..              | 0.5                       | 0.33      | 4.23  | 4.53 |
| ...                          | 1.35  | 2.2  | 0.7               | 0.45                      | 3.40  | 3.85      | 1.00                     | ..  | 1.4                  | ..              | 0.5                       | 0.30      | 2.90  | 3.20 |
| ...                          | ...   | 2.7  | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..  | 1.9                  | ..              | 0.5                       | 0.33      | 3.06  | 3.36 |
| 1.1                          | 1.5   | 3.6  | 0.8               | 0.5                       | 4.41  | 4.86      | 1.00                     | ..  | 2.4                  | ..              | 0.5                       | 0.33      | 3.51  | 3.81 |
| ...                          | ...   | 3.3  | ...               | 1.0                       | 4.32  | 5.22      | 1.35                     | 2.8   | ..                   | 1.8             | ..                        | 0.33      | 3.58  | 3.88 |
| 1.3                          | 1.5   | 3.3  | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| ...                          | ...   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 1.9                  | ..              | 0.5                       | 0.33      | 3.06  | 3.36 |
| ...                          | 1.5   | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.33      | 2.97  | 3.27 |
| 1.1                          | 1.5   | 3.3  | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | ..  | 2.4                  | ..              | 0.5                       | 0.33      | 3.51  | 3.81 |
| 1.1                          | 1.5   | 3.3  | 0.8               | 0.5                       | 4.14  | 4.59      | 1.00                     | ..  | 2.4                  | ..              | 0.5                       | 0.33      | 3.51  | 3.81 |
| 1.2                          | 1.5   | (b)2.1   | ...               | 0.7                       | 3.28  | 3.91      | 1.10                     | 2.1   | ..                   | 1.4             | ..                        | 0.38      | 2.91  | 3.25 |
| 1.4                          | 1.5   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.0                  | ..              | 0.5                       | 0.33      | 3.15  | 3.45 |
| 1.5                          | 1.5   | 2.6  | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..  | 2.1                  | ..              | 0.5                       | 0.33      | 3.24  | 3.54 |
| 1.0                          | 1.5   | 1.9  | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..  | 1.3                  | ..              | 0.5                       | 0.33      | 2.52  | 2.82 |
| 1.0                          | 1.5   | 1.9  | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..  | 1.3                  | ..              | 0.5                       | 0.33      | 2.52  | 2.82 |
| 1.0                          | 1.5   | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 1.9                  | ..              | 0.5                       | 0.33      | 3.06  | 3.36 |
| 1.2                          | 1.35  | 1.5  | 0.7               | 0.45                      | 2.70  | 3.15      | 1.00                     | ..  | 1.0                  | ..              | 0.5                       | 0.30      | 2.50  | 2.80 |
| ...                          | 1.35  | 2.8  | 0.7               | 0.45                      | 4.00  | 4.45      | 1.00                     | ..  | 2.0                  | ..              | 0.5                       | 0.30      | 3.50  | 3.80 |
| ...                          | 1.5   | 2.3  | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..  | 1.4                  | ..              | 0.5                       | 0.33      | 2.61  | 2.91 |
| 1.1                          | 1.5   | 1.9  | 0.8               | 0.5                       | 2.88  | 3.33      | 1.00                     | ..  | 1.3                  | ..              | 0.5                       | 0.33      | 2.52  | 2.82 |
| ...                          | ...   | 3.2  | ...               | 0.8                       | 4.05  | 4.77      | 1.35                     | 2.8   | ..                   | 1.8             | ..                        | 0.33      | 3.58  | 3.88 |
| 1.1                          | ...   | 2.4  | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..  | 2.1                  | ..              | 0.5                       | 0.33      | 3.24  | 3.54 |
| ...                          | ...   | 3.0  | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..  | 2.5                  | ..              | 0.5                       | 0.33      | 3.60  | 3.90 |
| 1.1                          | 1.5   | 2.5  | 0.8               | 0.5                       | 3.42  | 3.87      | 1.00                     | ..  | 2.0                  | ..              | 0.5                       | 0.33      | 3.15  | 3.45 |
| 1.1                          | 1.5   | 2.9  | 0.8               | 0.5                       | 3.78  | 4.23      | 1.00                     | ..  | 2.2                  | ..              | 0.5                       | 0.33      | 3.33  | 3.63 |
| 1.2                          | 1.35  | 2.3  | 0.7               | 0.45                      | 3.50  | 3.95      | 1.00                     | ..  | 1.8                  | ..              | 0.5                       | 0.30      | 3.30  | 3.60 |



RATES AND TYPICAL BILLS FOR  
in Effect

Rates are quoted on a monthly basis and  
(unless otherwise noted) and

|                       | Flat-Rate Water Heating<br>per 100 Watts<br>or Schedule Number | RESIDENTIAL SERVICE                     |  |  |                       |                 |                 |                         |                                 |                         |         |         |
|-----------------------|--|---|--|--|-----------------------|-----------------|-----------------|-------------------------|---------------------------------|-------------------------|---------|---------|
|                       |  | House<br>Heating per Kwh<br>(See Notes) | All-Electric Rate per Kwh<br>(See Notes) | Number of Kwh Supplied<br>in First Block | Rate per Kwh<br>for   |                 |                 |                         | Minimum Monthly<br>Charge Gross | Net Monthly<br>Bill for |         |         |
|                       |  |   |  |  | First Block<br>of Kwh | Next<br>200 Kwh | Next<br>500 Kwh | All Addi-<br>tional Kwh |                                 | 250 Kwh                 | 500 Kwh | 750 Kwh |
| Watford.....          | 45   | □                                       | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 1.11                            | 3.78                    | 5.58    | 7.38    |
| Waubashene... N 10%   | 42   | ⊗                                       | ..                                       | 50                                       | 3.3                   | 1.0             | w0.7            | 1.0                     | 1.65                            | 3.65                    | 5.40    | 7.15    |
| Webbwood.....         | 43   | ..                                      | 1.2                                      | 50                                       | 5.2                   | 2.6             | w0.8            | 1.2                     | 2.50                            | 7.02                    | 8.82    | 10.62   |
| Welland.....          | 41   | 1.1                                     | 1.1                                      | 50                                       | 3.2                   | 1.6             | w0.8            | 0.9                     | 1.67                            | 4.32                    | 6.12    | 7.92    |
| Wellesley.....        | 42   | □                                       | 1.1                                      | 50                                       | 4.0                   | 1.4             | w0.8            | 1.1                     | 2.00                            | 4.32                    | 6.12    | 7.92    |
| Wellington.....       | 46   | ..                                      | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.9            | 1.1                     | 1.50                            | 4.05                    | 6.07    | 8.10    |
| West Ferris Twp.....  | 37   | □                                       | 1.1                                      | 50                                       | 3.6                   | 1.8             | ...             | 1.2                     | 2.22                            | 4.86                    | 7.56    | 10.26   |
| West Lorne.....       | 43   | ..                                      | 1.1                                      | 50                                       | 3.0                   | 1.5             | w0.8            | 1.1                     | 1.11                            | 4.05                    | 5.85    | 7.65    |
| Weston.....           | 37   | ⊗                                       | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.2                     | 1.67                            | 4.05                    | 5.85    | 7.65    |
| Westport.....         | 38   | 1.2                                     | 1.1                                      | 50                                       | 2.7                   | 1.3             | w0.7            | 1.0                     | 1.50                            | 3.55                    | 5.13    | 6.70    |
| Wheatley.....         | 45   | ..                                      | 1.2                                      | 60                                       | 3.3                   | ...             | ...             | 1.2                     | 1.11                            | 3.83                    | 6.53    | 9.23    |
| Whitby.....           | 36   | 1.2                                     | 1.1                                      | 50                                       | 3.0                   | 1.5             | 0.8             | 1.2                     | 1.11                            | 4.05                    | 5.85    | 7.65    |
| †White River.....     | 60   | ⊗                                       | ..                                       | 50                                       | 7.5                   | 3.6             | w1.0            | 1.33                    | 3.75                            | 9.85                    | 12.10   | 14.35   |
| Warton.....           | 43   | ⊗                                       | ..                                       | 50                                       | 2.8                   | 1.4             | w0.7            | 1.1                     | 1.11                            | 3.78                    | 5.35    | 6.93    |
| Widdifield Twp. N 10% | 42   | ⊗                                       | 1.0                                      | 50                                       | 4.0                   | 1.7             | w0.7            | 1.0                     | 2.00                            | 5.40                    | 7.15    | 8.90    |
| Williamsburg.....     | 45   | □                                       | ..                                       | 50                                       | 2.6                   | 1.3             | w0.8            | 1.1                     | 1.30                            | 3.51                    | 5.31    | 7.11    |
| Winchester.....       | 41   | ⊗                                       | ..                                       | 50                                       | 2.6                   | 1.3             | w0.8            | 1.1                     | 1.39                            | 3.51                    | 5.31    | 7.11    |
| Windermere.....       | 45   | □                                       | ..                                       | 50                                       | 3.2                   | 1.6             | 1.0             | 1.4                     | 1.67                            | 4.32                    | 6.57    | 8.82    |
| Windsor..... N 5%     | + 38   | □                                       | ..                                       | 50                                       | 3.5                   | 1.3             | x0.7            | 1.0                     | 1.75                            | 4.35                    | 6.10    | 7.85    |
| Wingham.....          | 43   | □                                       | ..                                       | 50                                       | 2.4                   | 1.2             | 0.7             | 1.1                     | 1.11                            | 3.24                    | 4.81    | 6.39    |
| Woodbridge.....       | 42   | 1.2                                     | ..                                       | 50                                       | 2.8                   | 1.4             | 0.8             | 1.1                     | 0.83                            | 3.78                    | 5.58    | 7.38    |
| Woodstock.... N 10%   | *  | ⊗                                       | 1.0                                      | 50                                       | 3.5                   | 1.3             | w0.7            | 1.0                     | 1.75                            | 4.35                    | 6.10    | 7.85    |
| Woodville.....        | 42   | ⊗                                       | ..                                       | 50                                       | 3.6                   | 1.2             | w0.7            | 1.1                     | 1.67                            | 3.78                    | 5.35    | 6.93    |
| Wyoming.....          | 45   | ⊗                                       | ..                                       | 50                                       | 2.6                   | 1.3             | 0.7             | 1.1                     | 0.83                            | 3.51                    | 5.08    | 6.66    |
| York Twp.....         | 37   | 1.2                                     | 1.1                                      | 50                                       | 2.6                   | 1.3             | 0.8             | 1.1                     | 1.67                            | 3.51                    | 5.31    | 7.11    |
| Zurich.....           | 45   | □                                       | 1.2                                      | 60                                       | 3.7                   | ...             | ...             | 1.2                     | 0.83                            | 4.05                    | 6.75    | 9.45    |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.  
\*Schedule No. 33 applicable to flat-rate water-heaters 1000W and above—for flat-rate water-heaters below 1000W apply Schedule No. 36.  
xDenotes the next 1000 kwh.  
+ Applicable to General Rate Customers Only.  
For explanatory notes and water-heating schedules, see pages 234 and 235.

## MUNICIPAL ELECTRICAL SERVICE

December 31, 1966

are subject to 10% prompt payment discount  
a minimum monthly charge

| COMMERCIAL SERVICE            |  |  |                   |                           |   |           | INDUSTRIAL POWER SERVICE |  |                      |                              |           |           |   |      |
|-------------------------------|--|--|-------------------|---------------------------|---|-----------|--------------------------|--|----------------------|------------------------------|-----------|-----------|---|------|
| Commercial Cooking<br>per KwH | Space Heating per KwH<br>(Alternative to Regular Rate) | Demand Rate<br>per 100 Watts<br>5.0 Cents,<br>Minimum 50 Cents |                   |                           | Net Monthly<br>Bill for<br>Use of 1 Kw<br>of Demand |           | Demand Rate per Kw       | Energy Rate per KwH<br>for Use of<br>Each Kw of Demand |                      |                              |           |           | Net Monthly<br>Bill for Use<br>of 1 Kw<br>of Demand |      |
|                               |  | Energy Rate per KwH<br>for Use of<br>Each Kw of Demand         |                   |                           |   |           |                          | First<br>Block   | Second<br>Block      | All Addi-<br>tional<br>Hours |           |           |   |      |
|                               |  | First<br>100 Hours   | Next<br>100 Hours | All Addi-<br>tional Hours | 200 Hours   | 300 Hours |                          | Hours' Use<br>50 100                                   | Hours' Use<br>50 100 |                              | 200 Hours | 300 Hours |   |      |
| ¢                             | ¢  | ¢  | ¢                 | ¢                         | \$  | \$        | \$                       | ¢  | ¢                    | ¢                            | ¢         | ¢         | \$  | \$   |
| 1.1                           | ...  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2                  | ..                           | 0.5       | 0.33      | 3.33  | 3.63 |
| ...                           | 1.35   | °2.7   | 0.7               | 0.45                      | 3.90  | 4.35      | 1.00                     | ..   | 2.2                  | ..                           | 0.5       | 0.30      | 3.70  | 4.00 |
| ...                           | 1.5  | °4.5   | 0.8               | 0.5                       | 5.22  | 5.67      | 1.00                     | ..   | 2.5                  | ..                           | 0.5       | 0.33      | 3.60  | 3.90 |
| 1.0                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 1.7                  | ..                           | 0.5       | 0.33      | 2.88  | 3.18 |
| 1.5                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.8                  | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.7                  | ..                           | 0.5       | 0.33      | 3.78  | 4.08 |
| 1.2                           | 1.5  | °3.0   | 0.8               | 0.5                       | 3.87  | 4.32      | 1.00                     | ..   | 2.0                  | ..                           | 0.5       | 0.33      | 3.15  | 3.45 |
| ...                           | 1.5  | °2.6   | 0.8               | 0.5                       | 3.51  | 3.96      | 1.00                     | ..   | 2.1                  | ..                           | 0.5       | 0.33      | 3.24  | 3.54 |
| 1.2                           | 1.5  | °2.2   | 0.8               | 0.5                       | 3.15  | 3.60      | 1.00                     | ..   | 1.7                  | ..                           | 0.5       | 0.33      | 2.88  | 3.18 |
| ...                           | ...  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.8                  | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| ...                           | 1.5  | 2.9  | ...               | 1.2                       | 4.14  | 5.22      | 1.35                     | 2.5  | ..                   | 1.6                          | ..        | 0.33      | 3.36  | 3.65 |
| 1.2                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.5                  | ..                           | 0.5       | 0.33      | 2.70  | 3.00 |
| 1.6                           | 1.5  | °5.8   | 0.8               | 0.5                       | 6.39  | 6.84      | 1.00                     | ..   | 5.1                  | ..                           | 0.5       | 0.33      | 5.94  | 6.24 |
| ...                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.9                  | ..                           | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.2                           | 1.35   | °2.6   | 0.7               | 0.45                      | 3.80  | 4.25      | 1.00                     | ..   | 2.1                  | ..                           | 0.5       | 0.30      | 3.60  | 3.90 |
| ...                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 2.4                  | ..                           | 0.5       | 0.33      | 3.51  | 3.81 |
| ...                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ..   | 1.6                  | ..                           | 0.5       | 0.33      | 2.79  | 3.09 |
| ...                           | 1.5  | °2.8   | 0.8               | 0.5                       | 3.69  | 4.14      | 1.00                     | ..   | 2.3                  | ..                           | 0.5       | 0.33      | 3.42  | 3.72 |
| 1.0                           | 1.35   | General Rate (See Notes)                                       |                   |                           |   |           | General Rate (See Notes) |  |                      |                              |           |           |   |      |
| ...                           | 1.5  | °2.1   | 0.8               | 0.5                       | 3.06  | 3.51      | 1.00                     | ..   | 1.6                  | ..                           | 0.5       | 0.33      | 2.79  | 3.09 |
| 1.1                           | 1.5  | °2.3   | 0.8               | 0.5                       | 3.24  | 3.69      | 1.00                     | ..   | 1.8                  | ..                           | 0.5       | 0.33      | 2.97  | 3.27 |
| 1.1                           | 1.35   | °2.1   | 0.7               | 0.45                      | 3.30  | 3.75      | 1.00                     | ..   | 1.3                  | ..                           | 0.5       | 0.30      | 2.80  | 3.10 |
| 1.2                           | 1.5  | °2.7   | 0.8               | 0.5                       | 3.60  | 4.05      | 1.00                     | ..   | 2.2                  | ..                           | 0.5       | 0.33      | 3.33  | 3.63 |
| ...                           | 1.5  | °2.4   | 0.8               | 0.5                       | 3.33  | 3.78      | 1.00                     | ..   | 1.9                  | ..                           | 0.5       | 0.33      | 3.06  | 3.36 |
| 1.1                           | 1.5  | °2.0   | 0.8               | 0.5                       | 2.97  | 3.42      | 1.00                     | ..   | 1.5                  | ..                           | 0.5       | 0.33      | 2.70  | 3.00 |
| ...                           | 1.5  | 3.4  | ...               | 0.9                       | 4.32  | 5.13      | 1.35                     | 3.1  | ..                   | 2.0                          | ..        | 0.33      | 3.81  | 4.10 |

## GENERAL RATES

(Total Charge Increased by 5% When Not Paid by Date Indicated on Bill)

| Demand Charge<br>per Kw per Month |          | Charges per Kwh for Successive Blocks of Kilowatt-Hours |            |              |                  | All<br>Additional | Minimum<br>Bill |
|-----------------------------------|----------|---|------------|--------------|------------------|-------------------|-----------------|
|                                   |          |   |            |              |                  |                   |                 |
| <b>Stratford</b>                  |          |   |            |              |                  |                   |                 |
| 0- 50 kw }                        | Nil }    | 50 @ 4.0¢   | 200 @ 1.5¢ | 9750 @ 1.35¢ | 1,115,000 @ 0.5¢ | 0.3¢              | \$1.75          |
| Up to-5000 kw }                   | \$1.60 } | —   | —          | —            | —                | 0.3¢              |                 |
| Over 5000 kw                      | \$2.05   | —   | —          | —            | —                |                   |                 |
| <b>Vindsor</b>                    |          |   |            |              |                  |                   |                 |
| 0- 50 kw }                        | Nil }    | 50 @ 3.5¢   | 200 @ 1.5¢ | 1000 @ 0.9¢  | 8750 @ 1.3¢      | 0.5¢              | \$1.75          |
| Up to- 500 kw }                   | \$1.60 } | —   | —          | —            | —                | 0.4¢              |                 |
| Up to-5000 kw                     | \$1.85   | —   | —          | —            | —                | 0.3¢              |                 |
| Over 5000 kw                      | \$2.10   | —   | —          | —            | —                |                   |                 |

NOTE: Rates are based upon service at utilization voltage; where the customer provides transformation facilities, the authorized allowance will apply.

# Municipal Electrical

## NET MONTHLY BILLS FOR FLAT RATE WATER

*Also applicable to utilities using gross rate schedules providing*

| Element rating | SCHEDULE |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | 25       | 26   | 27   | 28   | 29   | 30   | 31   | 32   | 33   | 34   | 35   | 36   | 37   | 38   | 39   | 40   | 41   |
| watts          | \$       | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   |
| 400            | .90      | .94  | .97  | 1.01 | 1.04 | 1.08 | 1.12 | 1.15 | 1.19 | 1.22 | 1.26 | 1.30 | 1.33 | 1.37 | 1.40 | 1.44 | 1.48 |
| 450            | 1.01     | 1.05 | 1.09 | 1.13 | 1.17 | 1.22 | 1.26 | 1.30 | 1.34 | 1.38 | 1.42 | 1.46 | 1.50 | 1.54 | 1.58 | 1.62 | 1.66 |
| 500            | 1.13     | 1.17 | 1.22 | 1.26 | 1.31 | 1.35 | 1.40 | 1.44 | 1.49 | 1.53 | 1.58 | 1.62 | 1.67 | 1.71 | 1.76 | 1.80 | 1.85 |
| 550            | 1.24     | 1.29 | 1.34 | 1.39 | 1.44 | 1.49 | 1.53 | 1.58 | 1.63 | 1.68 | 1.73 | 1.78 | 1.83 | 1.88 | 1.93 | 1.98 | 2.03 |
| 600            | 1.35     | 1.40 | 1.46 | 1.51 | 1.57 | 1.62 | 1.67 | 1.73 | 1.78 | 1.84 | 1.89 | 1.94 | 2.00 | 2.05 | 2.11 | 2.16 | 2.21 |
| 650            | 1.43     | 1.49 | 1.54 | 1.60 | 1.66 | 1.72 | 1.77 | 1.83 | 1.89 | 1.94 | 2.00 | 2.06 | 2.12 | 2.17 | 2.23 | 2.29 | 2.35 |
| 700            | 1.51     | 1.57 | 1.63 | 1.69 | 1.75 | 1.81 | 1.87 | 1.93 | 1.99 | 2.05 | 2.11 | 2.17 | 2.23 | 2.29 | 2.35 | 2.41 | 2.47 |
| 750            | 1.60     | 1.66 | 1.72 | 1.79 | 1.85 | 1.91 | 1.98 | 2.04 | 2.11 | 2.17 | 2.23 | 2.30 | 2.36 | 2.42 | 2.49 | 2.55 | 2.62 |
| 800            | 1.67     | 1.74 | 1.80 | 1.87 | 1.94 | 2.00 | 2.07 | 2.14 | 2.20 | 2.27 | 2.34 | 2.40 | 2.47 | 2.54 | 2.61 | 2.67 | 2.74 |
| 850            | 1.75     | 1.82 | 1.89 | 1.96 | 2.03 | 2.10 | 2.17 | 2.24 | 2.31 | 2.38 | 2.45 | 2.52 | 2.59 | 2.66 | 2.73 | 2.80 | 2.87 |
| 900            | 1.84     | 1.91 | 1.98 | 2.06 | 2.13 | 2.20 | 2.28 | 2.35 | 2.42 | 2.50 | 2.57 | 2.64 | 2.72 | 2.79 | 2.86 | 2.94 | 3.01 |
| 950            | 1.92     | 2.00 | 2.07 | 2.15 | 2.23 | 2.30 | 2.38 | 2.46 | 2.53 | 2.61 | 2.69 | 2.76 | 2.84 | 2.92 | 3.00 | 3.07 | 3.15 |
| 1,000          | 2.00     | 2.08 | 2.16 | 2.24 | 2.32 | 2.40 | 2.48 | 2.56 | 2.64 | 2.72 | 2.80 | 2.88 | 2.96 | 3.04 | 3.12 | 3.20 | 3.28 |
| 1,000/3,000    | 2.12     | 2.21 | 2.30 | 2.38 | 2.47 | 2.55 | 2.64 | 2.72 | 2.81 | 2.89 | 2.98 | 3.06 | 3.14 | 3.23 | 3.31 | 3.40 | 3.48 |
| 1,500/4,500    | 3.19     | 3.31 | 3.44 | 3.57 | 3.70 | 3.83 | 3.95 | 4.08 | 4.20 | 4.34 | 4.46 | 4.59 | 4.72 | 4.84 | 4.97 | 5.10 | 5.23 |

NOTE: Net monthly rates for all balanced element sizes over 1,000 watts are calculated as follows:

$$\text{Rate for 1,000-watt element X } \frac{\text{Element Rating}}{1,000}$$

### NOTES

#### Service Charges

- a 33¢ per month per service when the permanently installed appliance load is under 2,000 watts and 66¢ per month when 2,000 watts or more.
- (b) Demand rate 8.5¢ per 100 watts, minimum 50¢.

#### House Heating

Applicable where electric energy is used to heat an entire dwelling or a portion of a dwelling in excess of 25% of the floor area.

- ☐ Energy supplied through residential service meter at standard rates.
- ☒ Energy metered separately at end residential rate or energy supplied through residential service meter at standard rates.

#### All-Electric Service

Applicable to all energy sold to residential customers using all-electric house heating and electric water heating supplied through the residential service meter.

- ✦ First 50 kwh at first residential rate, balance at end rate.
- ▲ First 50 kwh @ 3.4¢ per kwh, balance at end rate.
- First 50 kwh @ 3.0¢ per kwh, balance at end rate.
- ▼ First 1,750 kwh at regular residential rate, balance at 1.1¢ per kwh.
- ⊙ First 50 kwh @ 2.0¢ per kwh, balance at end rate.
- ◆ First 50 kwh @ 4.0¢ per kwh, balance at end rate.



## Service

## HEATING AT SCHEDULE NUMBER INDICATED

payment is made on or before last date for net payment

NUMBER

| 42   | 43   | 44   | 45   | 46   | 47   | 48   | 49   | 50   | 51   | 52   | 53   | 54   | 55   | 56   | 57   | 58   | 59   | 60   |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   | \$   |
| 1.51 | 1.55 | 1.58 | 1.62 | 1.66 | 1.69 | 1.73 | 1.76 | 1.80 | 1.84 | 1.87 | 1.91 | 1.94 | 1.98 | 2.02 | 2.05 | 2.09 | 2.12 | 2.16 |
| 1.70 | 1.74 | 1.78 | 1.82 | 1.86 | 1.90 | 1.94 | 1.98 | 2.03 | 2.06 | 2.11 | 2.14 | 2.18 | 2.22 | 2.27 | 2.30 | 2.34 | 2.39 | 2.45 |
| 1.89 | 1.94 | 1.98 | 2.03 | 2.07 | 2.12 | 2.16 | 2.21 | 2.25 | 2.30 | 2.34 | 2.39 | 2.43 | 2.48 | 2.52 | 2.57 | 2.61 | 2.66 | 2.70 |
| 2.08 | 2.13 | 2.18 | 2.23 | 2.28 | 2.33 | 2.38 | 2.43 | 2.48 | 2.53 | 2.57 | 2.63 | 2.68 | 2.73 | 2.77 | 2.83 | 2.88 | 2.93 | 2.99 |
| 2.27 | 2.32 | 2.38 | 2.43 | 2.48 | 2.54 | 2.59 | 2.65 | 2.70 | 2.75 | 2.81 | 2.86 | 2.92 | 2.97 | 3.02 | 3.08 | 3.13 | 3.19 | 3.24 |
| 2.40 | 2.46 | 2.52 | 2.57 | 2.63 | 2.69 | 2.75 | 2.80 | 2.86 | 2.93 | 2.99 | 3.03 | 3.08 | 3.14 | 3.20 | 3.26 | 3.31 | 3.38 | 3.44 |
| 2.53 | 2.59 | 2.65 | 2.71 | 2.77 | 2.83 | 2.89 | 2.95 | 3.01 | 3.08 | 3.13 | 3.20 | 3.26 | 3.32 | 3.38 | 3.44 | 3.49 | 3.56 | 3.62 |
| 2.68 | 2.74 | 2.81 | 2.87 | 2.93 | 3.00 | 3.06 | 3.13 | 3.19 | 3.26 | 3.31 | 3.38 | 3.44 | 3.51 | 3.58 | 3.65 | 3.71 | 3.76 | 3.82 |
| 2.81 | 2.87 | 2.94 | 3.01 | 3.07 | 3.14 | 3.21 | 3.27 | 3.34 | 3.41 | 3.47 | 3.54 | 3.60 | 3.67 | 3.74 | 3.82 | 3.89 | 3.94 | 4.00 |
| 2.94 | 3.01 | 3.08 | 3.15 | 3.22 | 3.29 | 3.36 | 3.43 | 3.51 | 3.56 | 3.64 | 3.71 | 3.78 | 3.85 | 3.92 | 4.00 | 4.07 | 4.13 | 4.19 |
| 3.08 | 3.16 | 3.23 | 3.30 | 3.38 | 3.45 | 3.52 | 3.60 | 3.67 | 3.74 | 3.82 | 3.89 | 3.96 | 4.04 | 4.12 | 4.19 | 4.27 | 4.33 | 4.39 |
| 3.23 | 3.30 | 3.38 | 3.46 | 3.53 | 3.61 | 3.69 | 3.76 | 3.84 | 3.92 | 4.00 | 4.07 | 4.14 | 4.22 | 4.30 | 4.38 | 4.46 | 4.54 | 4.61 |
| 3.36 | 3.44 | 3.52 | 3.60 | 3.68 | 3.76 | 3.84 | 3.92 | 4.00 | 4.08 | 4.16 | 4.24 | 4.32 | 4.40 | 4.48 | 4.56 | 4.64 | 4.73 | 4.81 |
| 3.57 | 3.65 | 3.74 | 3.83 | 3.91 | 4.00 | 4.08 | 4.17 | 4.25 | 4.34 | 4.42 | 4.51 | 4.59 | 4.67 | 4.76 | 4.84 | 4.93 | 5.01 | 5.10 |
| 5.36 | 5.48 | 5.61 | 5.73 | 5.87 | 5.99 | 6.12 | 6.25 | 6.37 | 6.50 | 6.63 | 6.76 | 6.89 | 7.01 | 7.14 | 7.26 | 7.40 | 7.52 | 7.65 |

## Special Rates or Discounts

☆ First 60 kwh of monthly consumption at 2.0¢, second 60 kwh and all kwh in excess of 1,000 at 1.0¢.

★ Flat-rate water-heater service—Toronto

**System-owned**—First 400 watts \$2.90 per month.

Each 100 watts additional 40¢ per month, plus a monthly charge for larger tank sizes as follows:

30¢ for 1,000-watt and 1,200-watt heaters.

40¢ for 1,500-watt heaters.

50¢ for 2,000-watt and 2,500-watt heaters.

55¢ for heaters 3,000-watts and over.

1000/3000-watt Cascade 40—\$5.82 gross per month.

**Customer-owned**—First 400 watts \$1.98 per month.

Each 100 watts additional 40¢ per month.

☆ Special rate for metered water-heating customers only.

When loads are subject to central control, these rates may be somewhat lower.

Special rate of 0.6¢ as alternative for controlled metered water-heating customers.

☆ Rates are Net. (Subject to 5% or 10% Delayed Payment Charge).

Residential rates are net. (Subject to 10% Delayed Payment Charge).

Commercial customers with a connected load of under 5 kilowatts billed at residential rates.

Farm customers billed at standard rural rates.

§ Farm customers billed at special rates.

☆ Special rate applicable to selected categories.

CUSTOMERS, REVENUE,  
for the Year Ended  
In Forty Major Municipal  
(Arranged in descending order)

|                      | TOTAL<br>REVENUE<br>(including<br>Street<br>Lighting) | TOTAL<br>CONSUMPTION<br>(including<br>Street<br>Lighting) | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|----------------------|---|---|--|-------------|----------------|--|------------------------------------|
|                      |   |   | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh |
|                      | \$  | kwh   | \$   | kwh         |                | kwh                                    | ¢                                  |
| Toronto.....         | 45,300,389  | 4,150,571,942   | 12,470,067   | 981,656,661 | 185,272        | 442                                    | 1.27                               |
| Hamilton.....        | 25,898,611  | 3,386,808,757   | 5,365,533  | 480,708,508 | 81,222         | 493                                    | 1.12                               |
| North York Twp.....  | 19,519,330  | 1,695,855,440   | 9,444,525  | 822,907,229 | 108,729        | 631                                    | 1.15                               |
| Ottawa.....          | 15,549,227  | 1,559,704,801   | 5,583,408  | 713,929,546 | 87,806         | 678                                    | 0.78                               |
| Etobicoke Twp.....   | 12,126,539  | 1,132,861,334   | 5,425,966  | 512,416,682 | 62,682         | 681                                    | 1.06                               |
| Scarborough Twp..... | 12,623,010  | 1,110,571,156   | 6,310,772  | 547,662,293 | 74,148         | 616                                    | 1.15                               |
| London.....          | 10,468,717  | 880,351,121   | 4,414,309  | 326,713,456 | 56,544         | 482                                    | 1.35                               |
| Windsor.....         | 9,060,933   | 831,175,994   | 3,340,774  | 262,924,431 | 52,987         | 414                                    | 1.27                               |
| St. Catharines.....  | 6,358,719   | 661,214,141   | 1,910,109  | 159,280,439 | 26,318         | 504                                    | 1.20                               |
| Toronto Twp.....     | 6,767,977   | 648,093,604   | 2,547,189  | 216,876,736 | 25,711         | 703                                    | 1.17                               |
| Oakville.....        | 5,039,423   | 584,990,660   | 1,500,949  | 125,856,354 | 13,876         | 756                                    | 1.19                               |
| Oshawa.....          | 5,186,800   | 577,551,492   | 1,783,092  | 196,686,188 | 23,214         | 706                                    | 0.91                               |
| Kitchener.....       | 5,478,844   | 531,094,484   | 1,901,186  | 184,958,502 | 26,906         | 573                                    | 1.03                               |
| York Twp.....        | 4,601,771   | 440,697,079   | 2,331,746  | 226,770,649 | 39,599         | 477                                    | 1.03                               |
| Kingston.....        | 3,774,734   | 403,299,045   | 1,259,513  | 121,389,121 | 16,156         | 626                                    | 1.04                               |
| Brantford.....       | 3,052,146   | 313,625,558   | 1,140,098  | 102,494,224 | 16,989         | 503                                    | 1.11                               |
| Peterborough.....    | 3,068,701   | 305,538,426   | 1,439,324  | 132,468,480 | 16,306         | 677                                    | 1.09                               |
| Guelph.....          | 3,380,257   | 300,382,870   | 1,298,858  | 103,651,833 | 13,930         | 620                                    | 1.25                               |
| Sudbury.....         | 3,296,927   | 282,251,430   | 1,817,668  | 176,869,733 | 22,908         | 643                                    | 1.03                               |
| Port Arthur.....     | 2,819,524   | 272,542,319   | 1,004,585  | 94,391,535  | 12,997         | 605                                    | 1.06                               |
| Burlington.....      | 3,269,824   | 269,648,108   | 1,835,980  | 148,099,176 | 16,988         | 726                                    | 1.24                               |
| Sarnia.....          | 2,919,746   | 257,148,004   | 1,140,299  | 81,418,382  | 15,196         | 446                                    | 1.40                               |
| Fort William.....    | 2,079,846   | 239,626,060   | 830,809  | 108,669,637 | 13,514         | 670                                    | 0.76                               |
| East York Twp.....   | 2,590,800   | 235,852,237   | 1,488,590  | 132,746,907 | 23,741         | 466                                    | 1.12                               |
| Niagara Falls.....   | 2,638,469   | 233,478,828   | 1,064,999  | 94,052,013  | 16,092         | 487                                    | 1.13                               |
| New Toronto.....     | 1,583,029   | 203,302,717   | 245,950  | 23,568,351  | 3,838          | 512                                    | 1.04                               |
| Nepean Twp.....      | 2,323,528   | 192,409,089   | 1,433,722  | 112,468,292 | 12,091         | 775                                    | 1.27                               |
| Welland.....         | 2,075,244   | 180,158,773   | 657,252  | 47,131,115  | 10,933         | 359                                    | 1.39                               |
| Galt.....            | 1,843,093   | 180,084,156   | 726,576  | 66,877,347  | 9,677          | 576                                    | 1.09                               |
| Waterloo.....        | 1,881,571   | 168,248,469   | 675,939  | 62,295,164  | 7,385          | 703                                    | 1.09                               |
| Brampton.....        | 2,046,064   | 165,790,362   | 911,895  | 69,101,420  | 8,456          | 681                                    | 1.32                               |
| Chatham.....         | 2,248,230   | 153,960,808   | 636,658  | 39,231,369  | 8,927          | 366                                    | 1.62                               |
| Belleville.....      | 1,687,804   | 152,812,174   | 793,079  | 74,739,172  | 10,124         | 615                                    | 1.06                               |
| Woodstock.....       | 1,548,850   | 142,291,058   | 629,797  | 55,952,484  | 7,329          | 636                                    | 1.13                               |
| Barrie.....          | 1,348,442   | 137,791,529   | 624,635  | 60,663,657  | 7,602          | 665                                    | 1.03                               |
| Stratford.....       | 1,512,311   | 131,929,520   | 577,714  | 48,587,432  | 6,866          | 590                                    | 1.19                               |
| St. Thomas.....      | 1,333,405   | 119,967,746   | 577,752  | 46,748,597  | 7,855          | 496                                    | 1.24                               |
| Brockville.....      | 1,145,707   | 115,766,000   | 504,588  | 45,362,005  | 6,207          | 609                                    | 1.11                               |
| Forest Hill.....     | 1,183,992   | 113,641,090   | 820,995  | 80,702,420  | 8,625          | 780                                    | 1.02                               |
| Port Credit.....     | 874,516   | 108,866,270   | 181,917  | 17,425,377  | 2,567          | 566                                    | 1.04                               |

\*General rate in effect—statistics for Commercial and Industrial Power Service combined.

## AND CONSUMPTION

December 31, 1966

## Electrical Utilities

of total consumption)

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |              |                |  |                                    |  | INDUSTRIAL POWER SERVICE |               |                |   |  |                                      |
|---|--------------|----------------|--|------------------------------------|--|--------------------------|---------------|----------------|---|--|--------------------------------------|
| Revenue   | Consumption  | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |  | Revenue                  | Consumption   | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh          |                | kwh                                    | c                                  |  | \$                       | kwh           |                | kw  | kwh                                    | c                                    |
| 10,122,129  | 732,322,245  | 24,694         | 2,471                                  | 1.38                               |  | 21,551,906               | 2,374,460,079 | 7,399          | 530,756   | 26,743                                 | 0.91                                 |
| 3,719,021   | 319,163,550  | 8,957          | 2,969                                  | 1.17                               |  | 16,258,503               | 2,563,947,203 | 945            | 441,676   | 226,098                                | 0.63                                 |
| 6,547,109   | 533,711,552  | 7,135          | 6,233                                  | 1.23                               |  | 3,130,250                | 314,630,219   | 1,114          | 89,350  | 23,536                                 | 0.99                                 |
| 8,925,556   | 774,827,843  | 11,560         | 5,586                                  | 1.15                               |  | 532,677                  | 52,648,581    | 164            | 15,834  | 26,752                                 | 1.01                                 |
| 2,446,448   | 189,423,267  | 2,778          | 5,682                                  | 1.29                               |  | 3,820,371                | 415,293,745   | 1,129          | 105,887   | 30,654                                 | 0.92                                 |
| 3,144,332   | 260,467,702  | 3,798          | 5,715                                  | 1.21                               |  | 2,725,952                | 284,732,018   | 636            | 74,925  | 37,308                                 | 0.96                                 |
| 2,599,786   | 199,607,656  | 3,063          | 5,431                                  | 1.30                               |  | 3,177,619                | 342,924,129   | 551            | 80,694  | 51,864                                 | 0.93                                 |
| *5,277,649  | *553,133,251 | *6,276         | *7,345                                 | *0.95                              |  | *                        | *             | *              | *   | *                                      | *                                    |
| 1,153,831   | 86,469,996   | 2,697          | 2,672                                  | 1.33                               |  | 3,098,316                | 406,268,836   | 276            | 81,993  | 122,666                                | 0.76                                 |
| 1,091,441   | 84,987,057   | 965            | 7,339                                  | 1.28                               |  | 2,928,083                | 340,913,788   | 343            | 68,766  | 82,826                                 | 0.86                                 |
| 625,279   | 47,836,305   | 924            | 4,314                                  | 1.31                               |  | 2,841,190                | 408,910,917   | 179            | 63,482  | 190,368                                | 0.69                                 |
| 890,385   | 80,961,634   | 1,310          | 5,150                                  | 1.10                               |  | 2,354,106                | 293,526,710   | 321            | 62,684  | 76,201                                 | 0.80                                 |
| 1,252,291   | 103,322,820  | 1,767          | 4,873                                  | 1.21                               |  | 2,141,854                | 235,295,309   | 275            | 60,194  | 71,302                                 | 0.91                                 |
| 1,194,310   | 102,414,382  | 1,859          | 4,591                                  | 1.17                               |  | 880,537                  | 104,973,092   | 172            | 25,402  | 50,859                                 | 0.84                                 |
| 1,125,530   | 95,794,567   | 2,542          | 3,140                                  | 1.17                               |  | 1,283,095                | 182,143,257   | 190            | 38,204  | 79,887                                 | 0.70                                 |
| 591,570   | 51,260,765   | 1,688          | 2,531                                  | 1.15                               |  | 1,227,217                | 156,206,569   | 357            | 40,770  | 36,463                                 | 0.79                                 |
| 599,225   | 50,014,478   | 824            | 5,058                                  | 1.20                               |  | 901,673                  | 119,047,248   | 282            | 28,485  | 35,179                                 | 0.76                                 |
| 634,454   | 45,249,341   | 1,204          | 3,132                                  | 1.40                               |  | 1,312,910                | 147,369,696   | 142            | 33,899  | 86,485                                 | 0.89                                 |
| 1,043,875   | 80,637,979   | 2,329          | 2,885                                  | 1.29                               |  | 255,895                  | 20,103,278    | 301            | 7,963   | 5,566                                  | 1.27                                 |
| 729,589   | 64,596,042   | 1,570          | 3,429                                  | 1.13                               |  | 947,081                  | 108,163,794   | 57             | 31,315  | 158,134                                | 0.88                                 |
| 701,419   | 51,785,344   | 835            | 5,168                                  | 1.35                               |  | 688,549                  | 67,904,591    | 179            | 19,205  | 31,613                                 | 1.01                                 |
| 727,347   | 48,191,702   | 894            | 4,492                                  | 1.51                               |  | 936,503                  | 123,828,680   | 144            | 27,426  | 71,660                                 | 0.76                                 |
| 564,534   | 57,289,063   | 1,596          | 2,991                                  | 0.99                               |  | 564,623                  | 69,184,160    | 161            | 21,090  | 35,810                                 | 0.82                                 |
| 615,236   | 55,292,088   | 1,069          | 4,310                                  | 1.11                               |  | 379,520                  | 43,148,490    | 90             | 11,528  | 39,952                                 | 0.88                                 |
| 979,319   | 85,637,598   | 1,076          | 6,632                                  | 1.14                               |  | 447,979                  | 48,957,217    | 96             | 13,392  | 42,498                                 | 0.92                                 |
| 181,371   | 15,047,950   | 299            | 4,194                                  | 1.21                               |  | 1,131,170                | 163,983,496   | 40             | 30,214  | 341,632                                | 0.69                                 |
| 703,043   | 59,797,722   | 760            | 6,557                                  | 1.18                               |  | 183,517                  | 19,847,075    | 53             | 4,378   | 31,206                                 | 0.92                                 |
| 423,022   | 31,250,569   | 632            | 4,121                                  | 1.35                               |  | 899,490                  | 99,023,756    | 94             | 25,398  | 87,787                                 | 0.91                                 |
| 290,029   | 21,970,160   | 624            | 2,934                                  | 1.32                               |  | 751,678                  | 88,578,649    | 151            | 23,735  | 48,884                                 | 0.85                                 |
| 525,428   | 40,967,751   | 811            | 4,210                                  | 1.28                               |  | 595,742                  | 62,112,890    | 96             | 14,076  | 53,917                                 | 0.96                                 |
| 487,294   | 36,868,018   | 514            | 5,977                                  | 1.32                               |  | 575,012                  | 58,351,732    | 117            | 14,616  | 41,561                                 | 0.99                                 |
| 628,875   | 33,786,468   | 1,246          | 2,260                                  | 1.86                               |  | 868,045                  | 77,288,127    | 290            | 21,081  | 22,209                                 | 1.12                                 |
| 468,051   | 35,436,118   | 970            | 3,044                                  | 1.32                               |  | 353,075                  | 39,956,567    | 118            | 10,229  | 28,218                                 | 0.88                                 |
| 262,188   | 18,963,454   | 499            | 3,167                                  | 1.38                               |  | 605,543                  | 64,979,920    | 149            | 16,999  | 36,342                                 | 0.93                                 |
| 351,281   | 26,733,717   | 617            | 3,611                                  | 1.31                               |  | 359,066                  | 49,341,235    | 120            | 13,414  | 34,265                                 | 0.73                                 |
| *845,734  | *80,662,968  | *791           | *8,498                                 | *1.05                              |  | *                        | *             | *              | *   | *                                      | *                                    |
| 216,334   | 16,250,216   | 405            | 3,344                                  | 1.33                               |  | 503,563                  | 55,911,901    | 128            | 13,990  | 36,401                                 | 0.90                                 |
| 259,196   | 21,494,142   | 404            | 4,434                                  | 1.21                               |  | 343,064                  | 47,535,053    | 54             | 10,599  | 73,357                                 | 0.72                                 |
| 319,583   | 29,268,170   | 443            | 5,506                                  | 1.09                               |  | 15,105                   | 2,147,330     | 4              | 405   | 44,736                                 | 0.70                                 |
| 145,523   | 11,570,647   | 178            | 5,417                                  | 1.26                               |  | 525,981                  | 79,175,270    | 11             | 11,884  | 599,813                                | 0.66                                 |

▲See Introduction page 213.



**CUSTOMERS, REVENUE,  
for the Year Ended  
(By Municipalities)**

|  | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               |
|--|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|-------------------------------|
|  |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh |
|  |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                             |
| Acton.....                                 | 4,353           | 1,358              | 5,673                                 | 106,363  | 9,700,375   | 1,247          | 648                                    | 1.10                          |
| Ailsa Craig.....                           | 547             | 231                | 520                                   | 12,176   | 1,100,500   | 205            | 447                                    | 1.11                          |
| Ajax.....                                  | 9,236           | 2,701              | 11,131                                | 202,645  | 16,238,438  | 2,507          | 540                                    | 1.25                          |
| Alexandria.....                            | 2,783           | 1,019              | 3,913                                 | 76,854   | 7,138,887   | 919            | 647                                    | 1.08                          |
| Alfred.....                                | 1,072           | 348                | 1,048                                 | 28,040   | 2,390,555   | 319            | 624                                    | 1.17                          |
| Alliston.....                              | 3,263           | 1,182              | 3,865                                 | 75,510   | 7,269,664   | 1,000          | 606                                    | 1.04                          |
| Almonte.....                               | 3,513           | 1,215              | <b>3,749</b>                          | 83,641   | 7,710,700   | 1,139          | 564                                    | 1.09                          |
| Alvinston.....                             | 641             | 341                | 385                                   | 12,878   | 733,220     | 310            | 197                                    | 1.76                          |
| Amherstburg.....                           | 4,443           | 1,469              | 4,625                                 | 103,809  | 9,806,607   | 1,312          | 623                                    | 1.06                          |
| Ancaster Twp. (including<br>Ancaster)..... | 14,888          | 1,153              | 3,580                                 | 133,686  | 10,334,355  | 1,101          | 782                                    | 1.29                          |
| Apple Hill.....                            | 325             | 116                | 174                                   | 5,566  | 401,250     | 96             | 348                                    | 1.39                          |
| Arkona.....                                | 397             | 200                | 358                                   | 14,378   | 1,145,836   | 188            | 508                                    | 1.25                          |
| Arnprior.....                              | 5,334           | 1,881              | 7,650                                 | 130,191  | 13,110,804  | 1,711          | 639                                    | 0.99                          |
| Arthur.....                                | 1,270           | 520                | 1,265                                 | 35,081   | 3,180,366   | 462            | 574                                    | 1.10                          |
| Athens.....                                | 1,003           | 366                | 780                                   | 21,869   | 2,126,002   | 348            | 509                                    | 1.03                          |
| Atikokan Twp.....                          | 6,504           | 1,804              | 5,046                                 | 179,493  | 15,234,183  | 1,653          | 768                                    | 1.18                          |
| Aurora.....                                | 10,137          | 2,999              | 8,874                                 | 214,920  | 19,853,814  | 2,723          | 608                                    | 1.08                          |
| Avonmore.....                              | 229             | 114                | 227                                   | 8,455  | 548,000     | 102            | 448                                    | 1.54                          |
| Aylmer.....                                | 4,556           | 1,588              | 6,010                                 | 110,914  | 11,045,100  | 1,430          | 644                                    | 1.00                          |
| Ayr.....                                   | 1,134           | 412                | 1,258                                 | 27,108   | 2,522,277   | 339            | 620                                    | 1.07                          |
| Baden.....                                 | 943             | 304                | 1,072                                 | 23,151   | 2,184,628   | 286            | 637                                    | 1.06                          |
| †Bala.....                                 | x477            | 863                | 1,160                                 | 50,073   | 2,025,535   | 780            | 216                                    | 2.47                          |
| Bancroft.....                              | 2,129           | 789                | <b>1,814</b>                          | 53,875   | 4,267,430   | 707            | 503                                    | 1.26                          |
| Barrie.....                                | 24,417          | 8,339              | 29,725                                | 624,635  | 60,663,657  | 7,602          | 665                                    | 1.03                          |
| Barry's Bay.....                           | 1,382           | 449                | 840                                   | 23,050   | 1,922,883   | 416            | 385                                    | 1.20                          |
| Bath.....                                  | 750             | 266                | 581                                   | 21,800   | 1,657,689   | 242            | 571                                    | 1.32                          |
| Beachburg.....                             | 518             | 222                | 475                                   | 15,768   | 1,139,720   | 206            | 461                                    | 1.38                          |
| Beachville.....                            | 933             | 323                | 2,642                                 | 21,498   | 2,015,200   | 311            | 540                                    | 1.07                          |
| Beamsville.....                            | 3,802           | 1,281              | 2,654                                 | 91,654   | 6,924,929   | 1,178          | 490                                    | 1.32                          |
| †Beardmore.....                            | 1,039           | 336                | 549                                   | 25,937   | 1,675,545   | 256            | 545                                    | 1.55                          |
| Beaverton.....                             | 1,227           | 631                | 1,673                                 | 41,269   | 4,009,960   | 579            | 577                                    | 1.03                          |
| Beeton.....                                | 965             | 341                | 809                                   | 22,890   | 2,181,460   | 321            | 566                                    | 1.05                          |
| Belle River.....                           | 2,203           | 807                | 1,399                                 | 48,250   | 3,098,030   | 749            | 345                                    | 1.56                          |
| Belleville.....                            | 32,954          | 11,212             | 32,105                                | 793,079  | 74,739,172  | 10,124         | 615                                    | 1.06                          |
| Belmont.....                               | 724             | 244                | 1,124                                 | 19,599   | 1,449,206   | 227            | 532                                    | 1.35                          |
| Blenheim.....                              | 3,203           | 1,250              | 2,512                                 | 59,825   | 4,467,050   | 1,102          | 338                                    | 1.34                          |
| †Blind River.....                          | 3,472           | 1,160              | 3,505                                 | 98,096   | 6,902,329   | 969            | 594                                    | 1.42                          |
| Bloomfield.....                            | 723             | 300                | 648                                   | 17,741   | 1,636,338   | 278            | 491                                    | 1.08                          |
| Blyth.....                                 | 740             | 340                | 944                                   | 20,784   | 1,880,555   | 301            | 521                                    | 1.11                          |
| Bobcaygeon.....                            | 1,312           | 767                | 1,528                                 | 54,910   | 4,000,186   | 683            | 488                                    | 1.37                          |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

xExcluding summer population.

## AND CONSUMPTION

December 31, 1966

Alphabetically Arranged)

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                 |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|---------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh         |                | kw  | kwh                                    | ¢                               |
| 32,544  | 2,107,641   | 71             | 2,474                                  | 1.54                          | 162,425                  | 14,559,529  | 40             | 4,067   | 30,332                                 | 1.12                            |
| 4,134   | 260,031     | 20             | 1,083                                  | 1.59                          | 9,036                    | 575,500     | 6              | 314   | 7,993                                  | 1.57                            |
| 87,813  | 7,122,440   | 115            | 5,161                                  | 1.23                          | 247,847                  | 28,349,434  | 79             | 7,577   | 29,904                                 | 0.87                            |
| 31,673  | 2,262,638   | 80             | 2,357                                  | 1.40                          | 73,455                   | 7,000,637   | 20             | 1,755   | 29,169                                 | 1.05                            |
| 7,459   | 470,915     | 19             | 2,065                                  | 1.58                          | 10,827                   | 790,975     | 10             | 326   | 6,591                                  | 1.37                            |
| 65,135  | 4,147,364   | 154            | 2,244                                  | 1.57                          | 60,829                   | 6,580,826   | 28             | 1,696   | 19,586                                 | 0.92                            |
| 24,962  | 2,022,240   | 56             | 3,009                                  | 1.23                          | 44,243                   | 5,794,070   | 20             | 1,356   | 24,142                                 | 0.76                            |
| 6,474   | 337,090     | 25             | 1,124                                  | 1.92                          | 2,575                    | 101,530     | 6              | 71  | 1,410                                  | 2.54                            |
| 45,864  | 3,426,559   | 121            | 2,360                                  | 1.34                          | 105,048                  | 10,558,815  | 36             | 2,871   | 24,442                                 | 0.99                            |
| 33,455  | 1,919,669   | 44             | 3,636                                  | 1.74                          | 4,437                    | 298,610     | 8              | 125   | 3,111                                  | 1.49                            |
| 1,912   | 101,300     | 20             | 422                                    | 1.89                          |                          |             |                |   |  |                                 |
| 4,212   | 262,706     | 10             | 2,189                                  | 1.60                          | 526                      | 8,190       | 2              | 32  | 341                                    |                                 |
| 74,905  | 5,962,806   | 147            | 3,380                                  | 1.26                          | 102,500                  | 12,363,647  | 23             | 2,746   | 44,796                                 | 0.83                            |
| 14,197  | 889,304     | 43             | 1,723                                  | 1.60                          | 7,247                    | 340,270     | 15             | 287   | 1,890                                  | 2.13                            |
| 5,610   | 428,210     | 17             | 2,099                                  | 1.31                          | 541                      | 10,200      | 1              | 37  | 850                                    | 5.30                            |
| 77,611  | 5,063,150   | 141            | 2,992                                  | 1.53                          | 6,630                    | 509,930     | 10             | 195   | 4,249                                  | 1.30                            |
| 84,979  | 6,463,537   | 230            | 2,342                                  | 1.31                          | 133,777                  | 12,508,106  | 46             | 3,951   | 22,660                                 | 1.07                            |
| 3,276   | 188,580     | 11             | 1,429                                  | 1.74                          | 1,033                    | 48,350      | 1              | 34  | 4,029                                  | 2.14                            |
| 66,506  | 5,117,150   | 122            | 3,495                                  | 1.30                          | 87,055                   | 6,998,620   | 36             | 2,897   | 16,201                                 | 1.24                            |
| 13,572  | 865,106     | 61             | 1,182                                  | 1.57                          | 15,288                   | 817,477     | 12             | 469   | 5,677                                  | 1.87                            |
| 3,718   | 272,015     | 13             | 1,744                                  | 1.37                          | 22,215                   | 2,083,168   | 5              | 650   | 34,719                                 | 1.07                            |
| 14,598  | 761,878     | 77             | 825                                    | 1.92                          | 1,314                    | 86,780      | 6              | 44  | 1,205                                  | 1.51                            |
| 34,055  | 2,077,111   | 69             | 2,509                                  | 1.64                          | 11,340                   | 723,460     | 13             | 342   | 4,638                                  | 1.57                            |
| 351,281   | 26,733,717  | 617            | 3,611                                  | 1.31                          | 359,066                  | 49,341,235  | 120            | 13,414  | 34,265                                 | 0.73                            |
| 10,408  | 792,145     | 29             | 2,276                                  | 1.31                          | 1,244                    | 93,460      | 4              | 46  | 1,947                                  | 1.33                            |
| 5,796   | 279,860     | 23             | 1,014                                  | 2.07                          | 795                      | 125,509     | 1              | 11  | 10,459                                 | 0.63                            |
| 2,771   | 177,679     | 12             | 1,234                                  | 1.56                          | 7,568                    | 515,230     | 4              | 225   | 10,734                                 | 1.47                            |
| 2,375   | 152,630     | 10             | 1,272                                  | 1.56                          | 91,654                   | 14,106,356  | 2              | 2,175   | 587,765                                | 0.65                            |
| 42,447  | 2,732,812   | 92             | 2,475                                  | 1.55                          | 9,505                    | 584,928     | 11             | 264   | 4,431                                  | 1.62                            |
| 18,638  | 1,146,907   | 78             | 1,225                                  | 1.63                          | 207                      | 9,180       | 2              | 8   | 383                                    | 2.25                            |
| 13,895  | 1,088,070   | 38             | 2,386                                  | 1.28                          | 28,123                   | 2,509,406   | 14             | 1,119   | 14,937                                 | 1.12                            |
| 3,525   | 202,670     | 13             | 1,299                                  | 1.74                          | 6,435                    | 472,860     | 7              | 180   | 5,629                                  | 1.36                            |
| 24,755  | 1,463,160   | 51             | 2,391                                  | 1.69                          | 5,783                    | 399,388     | 7              | 168   | 4,755                                  | 1.45                            |
| 468,051   | 35,436,118  | 970            | 3,044                                  | 1.32                          | 353,075                  | 39,956,567  | 118            | 10,229  | 28,218                                 | 0.88                            |
| 4,197   | 262,660     | 11             | 1,990                                  | 1.60                          | 42,656                   | 3,695,884   | 6              | 989   | 51,332                                 | 1.15                            |
| 41,135  | 2,544,790   | 112            | 1,893                                  | 1.62                          | 40,700                   | 2,747,760   | 36             | 1,091   | 6,361                                  | 1.48                            |
| 67,227  | 4,128,493   | 185            | 1,860                                  | 1.63                          | 22,104                   | 1,525,425   | 6              | 414   | 21,186                                 | 1.45                            |
| 4,966   | 357,039     | 16             | 1,860                                  | 1.39                          | 3,362                    | 163,341     | 6              | 140   | 2,269                                  | 2.06                            |
| 8,216   | 531,739     | 31             | 1,429                                  | 1.55                          | 16,802                   | 1,509,010   | 8              | 417   | 15,719                                 | 1.11                            |
| 16,853  | 877,315     | 74             | 988                                    | 1.92                          | 11,398                   | 686,303     | 10             | 304   | 5,719                                  | 1.66                            |

▲See Introduction page 213.

# CUSTOMERS, REVENUE, for the Year Ended

|                     | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|---------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|                     |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh |
|                     |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Bolton.....         | 2,233           | 706                | 2,096                                 | 71,988   | 5,642,974   | 651            | 722                                    | 1.28                               |
| Bothwell.....       | 826             | 342                | 758                                   | 16,234   | 1,350,000   | 296            | 380                                    | 1.20                               |
| Bowmanville.....    | 8,252           | 2,774              | 11,564                                | 222,179  | 21,631,957  | 2,597          | 694                                    | 1.03                               |
| Bracebridge.....    | 3,044           | 1,286              | <b>3,840</b>                          | 86,763   | 7,349,360   | 1,046          | 586                                    | 1.18                               |
| Bradford.....       | 2,450           | 917                | 2,967                                 | 61,751   | 5,727,457   | 778            | 613                                    | 1.08                               |
| Braeside.....       | 521             | 165                | 2,041                                 | 9,693  | 793,002     | 158            | 418                                    | 1.22                               |
| Brampton.....       | 34,936          | 9,087              | 37,774                                | 911,895  | 69,101,420  | 8,456          | 681                                    | 1.32                               |
| Brantford.....      | 58,395          | 19,034             | 68,293                                | 1,140,098  | 102,494,224 | 16,989         | 503                                    | 1.11                               |
| Brantford Twp.....  | 8,851           | 2,662              | 9,834                                 | 314,202  | 23,887,190  | 2,488          | 800                                    | 1.32                               |
| Brechin.....        | 268             | 100                | 205                                   | 4,612  | 480,015     | 86             | 465                                    | 0.96                               |
| Bridgeport.....     | 2,030           | 567                | 1,686                                 | 59,158   | 4,653,938   | 527            | 736                                    | 1.27                               |
| Brigden.....        | 516             | 217                | 361                                   | 8,106  | 664,760     | 187            | 296                                    | 1.22                               |
| Brighton.....       | 2,752           | 1,068              | 2,559                                 | 73,476   | 6,801,023   | 990            | 572                                    | 1.08                               |
| Brockville.....     | 19,267          | 6,665              | 24,638                                | 504,588  | 45,362,005  | 6,207          | 609                                    | 1.11                               |
| Brussels.....       | 842             | 390                | 913                                   | 28,384   | 2,293,634   | 347            | 551                                    | 1.24                               |
| Burford.....        | 1,078           | 447                | 1,039                                 | 35,268   | 3,152,126   | 408            | 644                                    | 1.12                               |
| Burgessville.....   | 292             | 105                | 301                                   | 7,565  | 692,055     | 90             | 641                                    | 1.09                               |
| Burk's Falls.....   | 1,070           | 375                | 1,071                                 | 25,311   | 2,138,610   | 343            | 520                                    | 1.18                               |
| Burlington.....     | 65,376          | 18,002             | 62,236                                | 1,835,980  | 148,099,176 | 16,988         | 726                                    | 1.24                               |
| Cache Bay.....      | 623             | 175                | 271                                   | 8,211  | 619,880     | 170            | 304                                    | 1.32                               |
| Caledonia.....      | 2,723           | 930                | 1,703                                 | 51,763   | 4,135,897   | 854            | 404                                    | 1.25                               |
| Campbellford.....   | 3,382           | 1,360              | <b>3,707</b>                          | 70,874   | 9,018,426   | 1,224          | 614                                    | 0.79                               |
| Campbellville.....  | 252             | 89                 | 240                                   | 8,690  | 702,005     | 82             | 713                                    | 1.24                               |
| Cannington.....     | 1,027           | 457                | 1,140                                 | 30,489   | 2,971,150   | 417            | 594                                    | 1.03                               |
| Capreol.....        | 3,098           | 1,016              | 2,763                                 | 95,873   | 8,056,245   | 962            | 698                                    | 1.19                               |
| Cardinal.....       | 1,948           | 684                | 1,215                                 | 39,932   | 3,584,612   | 638            | 468                                    | 1.11                               |
| Carleton Place..... | 4,917           | 1,828              | 4,196                                 | 128,077  | 10,443,451  | 1,703          | 511                                    | 1.23                               |
| Casselman.....      | 1,295           | 405                | 1,064                                 | 29,222   | 2,399,371   | 372            | 537                                    | 1.22                               |
| Cayuga.....         | 1,016           | 412                | 799                                   | 24,496   | 1,855,478   | 359            | 431                                    | 1.32                               |
| Chalk River.....    | 1,060           | 273                | 696                                   | 22,797   | 1,986,780   | 257            | 644                                    | 1.15                               |
| Chapleau Twp.....   | 3,867           | 1,094              | 1,876                                 | 99,034   | 4,588,028   | 1,031          | 371                                    | 2.16                               |
| Chatham.....        | 31,479          | 10,463             | 34,132                                | 636,658  | 39,231,369  | 8,927          | 366                                    | 1.62                               |
| Chatsworth.....     | 386             | 190                | 382                                   | 11,693   | 1,046,560   | 172            | 507                                    | 1.12                               |
| Chesley.....        | 1,700           | 768                | 1,616                                 | 37,527   | 3,861,866   | 631            | 510                                    | 0.97                               |
| Chesterville.....   | 1,315           | 461                | 1,810                                 | 31,751   | 2,985,851   | 422            | 590                                    | 1.06                               |
| Chippawa.....       | 3,845           | 1,190              | 2,177                                 | 78,855   | 5,746,553   | 1,138          | 421                                    | 1.37                               |
| Clifford.....       | 522             | 235                | 529                                   | 16,540   | 1,417,525   | 216            | 547                                    | 1.17                               |
| Clinton.....        | 3,196           | 1,272              | 3,161                                 | 89,836   | 7,721,585   | 1,142          | 563                                    | 1.16                               |
| †Cobalt.....        | 2,138           | 729                | 1,396                                 | 57,854   | 3,888,156   | 615            | 527                                    | 1.49                               |
| Cobden.....         | 891             | 401                | 964                                   | 20,996   | 2,308,058   | 367            | 524                                    | 0.91                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.



## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                 |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|---------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh         |                | kw  | kwh                                    | ¢                               |
| 25,552  | 1,785,320   | 42             | 3,542                                  | 1.43                          | 11,079                   | 663,588     | 13             | 328   | 4,254                                  | 1.67                            |
| 11,646  | 883,348     | 34             | 2,165                                  | 1.32                          | 5,923                    | 203,055     | 12             | 278   | 1,410                                  | 2.92                            |
| 81,155  | 7,430,086   | 153            | 4,047                                  | 1.09                          | 167,427                  | 21,997,670  | 24             | 5,327   | 76,381                                 | 0.76                            |
| 63,936  | 4,776,233   | 214            | 1,860                                  | 1.34                          | 21,171                   | 2,207,183   | 26             | 751   | 7,074                                  | 0.96                            |
| 36,466  | 2,341,013   | 108            | 1,806                                  | 1.56                          | 36,433                   | 3,447,546   | 31             | 1,039   | 9,268                                  | 1.06                            |
| 1,197   | 79,440      | 5              | 1,324                                  | 1.51                          | 66,579                   | 7,860,938   | 2              | 1,767   | 327,539                                | 0.85                            |
| 487,294   | 36,868,018  | 514            | 5,977                                  | 1.32                          | 575,012                  | 58,351,732  | 117            | 14,616  | 41,561                                 | 0.99                            |
| 591,570   | 51,260,765  | 1,688          | 2,531                                  | 1.15                          | 1,227,217                | 156,206,569 | 357            | 40,770  | 36,463                                 | 0.79                            |
| 80,304  | 6,243,211   | 107            | 4,862                                  | 1.29                          | 210,299                  | 18,796,729  | 67             | 6,387   | 23,379                                 | 1.12                            |
| 2,905   | 224,915     | 13             | 1,442                                  | 1.29                          | 420                      | 12,792      | 1              | 26  | 1,066                                  | 3.28                            |
| 22,704  | 1,536,712   | 33             | 3,881                                  | 1.48                          | 5,955                    | 296,900     | 7              | 185   | 3,535                                  | 2.01                            |
| 4,872   | 359,900     | 21             | 1,428                                  | 1.35                          | 4,747                    | 194,810     | 9              | 208   | 1,804                                  | 2.44                            |
| 31,404  | 2,223,909   | 67             | 2,766                                  | 1.41                          | 12,190                   | 1,038,445   | 11             | 352   | 7,867                                  | 1.17                            |
| 259,196   | 21,494,142  | 404            | 4,434                                  | 1.21                          | 343,064                  | 47,535,053  | 54             | 10,599  | 73,357                                 | 0.72                            |
| 8,566   | 501,710     | 34             | 1,230                                  | 1.71                          | 7,033                    | 376,287     | 9              | 198   | 3,484                                  | 1.87                            |
| 10,838  | 713,692     | 28             | 2,124                                  | 1.52                          | 6,428                    | 420,772     | 11             | 205   | 3,188                                  | 1.53                            |
| 4,375   | 203,870     | 13             | 1,307                                  | 2.15                          | 1,791                    | 39,982      | 2              | 74  | 1,666                                  | 4.48                            |
| 12,131  | 838,160     | 28             | 2,495                                  | 1.45                          | 12,229                   | 1,094,180   | 4              | 307   | 22,795                                 | 1.12                            |
| 701,419   | 51,785,344  | 835            | 5,168                                  | 1.35                          | 688,549                  | 67,904,591  | 179            | 19,205  | 31,613                                 | 1.01                            |
| 1,732   | 107,770     | 4              | 2,245                                  | 1.61                          | 527                      | 21,670      | 1              | 30  | 1,806                                  | 2.43                            |
| 25,637  | 1,677,500   | 56             | 2,496                                  | 1.53                          | 11,079                   | 894,290     | 20             | 237   | 3,726                                  | 1.24                            |
| 36,030  | 3,522,625   | 117            | 2,509                                  | 1.02                          | 21,854                   | 2,310,774   | 19             | 958   | 10,135                                 | 0.95                            |
| 1,905   | 125,473     | 7              | 1,494                                  | 1.52                          |                          |             |                |   |  |                                 |
| 7,926   | 558,756     | 28             | 1,663                                  | 1.42                          | 5,135                    | 361,410     | 12             | 172   | 2,510                                  | 1.42                            |
| 23,379  | 1,542,001   | 48             | 2,677                                  | 1.52                          | 14,762                   | 1,589,012   | 6              | 341   | 22,070                                 | 0.93                            |
| 10,275  | 704,639     | 42             | 1,398                                  | 1.46                          | 1,307                    | 115,460     | 4              | 37  | 2,405                                  | 1.13                            |
| 47,468  | 3,004,886   | 107            | 2,340                                  | 1.58                          | 52,858                   | 5,060,197   | 18             | 1,473   | 23,427                                 | 1.04                            |
| 14,347  | 901,715     | 27             | 2,783                                  | 1.59                          | 8,655                    | 471,535     | 6              | 334   | 6,549                                  | 1.84                            |
| 13,666  | 851,075     | 42             | 1,689                                  | 1.61                          | 7,702                    | 262,330     | 11             | 281   | 1,987                                  | 2.94                            |
| 6,898   | 509,470     | 13             | 3,266                                  | 1.35                          | 2,867                    | 320,850     | 3              | 79  | 8,913                                  | 0.89                            |
| 32,276  | 1,367,132   | 45             | 2,532                                  | 2.36                          | 13,975                   | 597,483     | 18             | 224   | 2,766                                  | 2.34                            |
| 628,875   | 33,786,468  | 1,246          | 2,260                                  | 1.86                          | 868,045                  | 77,288,127  | 290            | 21,081  | 22,209                                 | 1.12                            |
| 4,972   | 314,750     | 17             | 1,543                                  | 1.58                          | 407                      | 10,350      | 1              | 20  | 863                                    | 3.93                            |
| 17,177  | 1,212,550   | 109            | 927                                    | 1.42                          | 13,332                   | 1,030,872   | 28             | 478   | 3,068                                  | 1.29                            |
| 8,927   | 669,639     | 30             | 1,860                                  | 1.33                          | 39,681                   | 3,713,540   | 9              | 1,102   | 34,385                                 | 1.07                            |
| 22,044  | 1,466,420   | 38             | 3,216                                  | 1.50                          | 6,803                    | 608,641     | 14             | 206   | 3,623                                  | 1.12                            |
| 3,444   | 247,856     | 13             | 1,589                                  | 1.39                          | 4,371                    | 345,580     | 6              | 110   | 4,800                                  | 1.26                            |
| 53,188  | 3,609,634   | 106            | 2,838                                  | 1.47                          | 24,844                   | 1,909,156   | 24             | 691   | 6,629                                  | 1.30                            |
| 25,304  | 1,413,359   | 108            | 1,091                                  | 1.79                          | 8,313                    | 670,221     | 6              | 190   | 9,309                                  | 1.24                            |
| 9,376   | 680,421     | 28             | 2,025                                  | 1.38                          | 5,838                    | 243,530     | 6              | 313   | 3,382                                  | 2.40                            |

▲See Introduction page 213.

# CUSTOMERS, REVENUE, for the Year Ended

|                         | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|-------------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|                         |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh |
|                         |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Cobourg.....            | 10,386          | 3,884              | 15,094                                | 252,445  | 25,527,549  | 3,504          | 607                                    | 0.99                               |
| Cochrane.....           | 4,711           | 1,424              | 4,233                                 | 103,464  | 8,392,274   | 1,203          | 581                                    | 1.23                               |
| Colborne.....           | 1,501           | 617                | 1,570                                 | 40,828   | 3,622,352   | 509            | 593                                    | 1.13                               |
| Coldwater.....          | 684             | 299                | 945                                   | 21,709   | 2,197,110   | 281            | 652                                    | 0.99                               |
| Collingwood.....        | 8,229           | 3,437              | 9,601                                 | 187,621  | 18,964,745  | 3,160          | 500                                    | 0.99                               |
| Comber.....             | 605             | 242                | 437                                   | 12,461   | 941,580     | 214            | 367                                    | 1.32                               |
| Coniston.....           | 2,608           | 701                | 1,681                                 | 59,088   | 5,103,685   | 681            | 625                                    | 1.16                               |
| Cookstown.....          | 709             | 264                | 678                                   | 17,847   | 1,794,803   | 246            | 608                                    | 0.99                               |
| Cottam.....             | 680             | 257                | 302                                   | 13,398   | 1,105,130   | 231            | 399                                    | 1.21                               |
| Courtright.....         | 598             | 236                | 335                                   | 13,437   | 758,130     | 220            | 287                                    | 1.77                               |
| Creemore.....           | 807             | 367                | 940                                   | 22,042   | 2,159,380   | 337            | 534                                    | 1.02                               |
| Dashwood.....           | 408             | 193                | 454                                   | 15,513   | 1,062,100   | 181            | 489                                    | 1.46                               |
| Deep River.....         | 5,728           | 1,511              | 5,901                                 | 153,867  | 15,270,632  | 1,378          | 923                                    | 1.01                               |
| Delaware.....           | 429             | 148                | 343                                   | 13,510   | 1,040,784   | 138            | 628                                    | 1.30                               |
| Delhi.....              | 3,617           | 1,509              | 3,895                                 | 74,122   | 6,692,191   | 1,337          | 417                                    | 1.11                               |
| Deseronto.....          | 1,772           | 618                | 1,389                                 | 40,891   | 3,489,344   | 581            | 500                                    | 1.17                               |
| Dorchester.....         | 1,073           | 379                | 738                                   | 22,265   | 1,892,070   | 358            | 440                                    | 1.18                               |
| Drayton.....            | 682             | 288                | 619                                   | 21,995   | 1,577,610   | 256            | 514                                    | 1.39                               |
| Dresden.....            | 2,378           | 960                | 2,070                                 | 47,216   | 3,446,355   | 869            | 330                                    | 1.37                               |
| Drumbo.....             | 421             | 175                | 318                                   | 11,989   | 1,076,021   | 168            | 534                                    | 1.11                               |
| Dryden.....             | 6,657           | 2,115              | 5,817                                 | 192,460  | 15,303,233  | 1,964          | 649                                    | 1.26                               |
| Dublin.....             | 293             | 122                | 400                                   | 7,231  | 656,180     | 105            | 521                                    | 1.10                               |
| Dundalk.....            | 898             | 491                | 1,026                                 | 27,014   | 2,350,410   | 435            | 450                                    | 1.15                               |
| Dundas.....             | 15,178          | 4,700              | 14,536                                | 395,750  | 30,682,568  | 4,358          | 587                                    | 1.29                               |
| Dunnville.....          | 5,293           | 2,029              | 4,769                                 | 88,065   | 6,700,143   | 1,782          | 313                                    | 1.31                               |
| Durham.....             | 2,425           | 932                | 2,551                                 | 62,784   | 5,356,190   | 842            | 530                                    | 1.17                               |
| Dutton.....             | 835             | 360                | 562                                   | 15,092   | 1,160,968   | 327            | 296                                    | 1.30                               |
| East York Twp.....      | 72,842          | 24,900             | 48,974                                | 1,488,590  | 132,746,907 | 23,741         | 466                                    | 1.12                               |
| Eganville.....          | 1,369           | 517                | 1,270                                 | 28,618   | 2,309,573   | 451            | 427                                    | 1.24                               |
| †Elk Lake Townsite..... | §650            | 231                | 529                                   | 15,451   | 1,095,084   | 172            | 531                                    | 1.41                               |
| Elmira.....             | 4,052           | 1,408              | 6,813                                 | 103,935  | 9,335,327   | 1,278          | 609                                    | 1.11                               |
| Elmvale.....            | 1,056           | 433                | 1,077                                 | 26,946   | 2,512,260   | 388            | 540                                    | 1.07                               |
| Elmwood.....            | §450            | 141                | 254                                   | 7,101  | 639,020     | 133            | 400                                    | 1.11                               |
| Elora.....              | 1,586           | 575                | 1,278                                 | 49,043   | 3,332,718   | 536            | 518                                    | 1.47                               |
| Embro.....              | 608             | 253                | 599                                   | 19,593   | 1,710,480   | 229            | 622                                    | 1.15                               |
| Embrun.....             | 1,136           | 345                | 1,241                                 | 36,579   | 2,653,937   | 317            | 698                                    | 1.38                               |
| †Englehart.....         | 1,738           | 645                | 1,280                                 | 45,559   | 2,868,344   | 538            | 444                                    | 1.59                               |
| Erieau.....             | 471             | 380                | 521                                   | 18,402   | 1,452,310   | 347            | 348                                    | 1.27                               |
| Erie Beach.....         | x202            | 146                | 86                                    | 7,286  | 302,560     | 139            | 181                                    | 2.41                               |
| Erin.....               | 1,206           | 457                | 1,008                                 | 33,881   | 2,955,310   | 418            | 589                                    | 1.15                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario

§Estimated.

xExcluding summer population.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                 |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|---------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | Kwh         |                | kw  | kwh                                    | ¢                               |
| 89,605  | 7,397,813   | 301            | 2,048                                  | 1.21                          | 291,817                  | 39,605,563  | 79             | 9,055   | 41,778                                 | 0.74                            |
| 73,368  | 4,792,993   | 212            | 1,884                                  | 1.53                          | 39,453                   | 4,436,052   | 9              | 923   | 41,075                                 | 0.89                            |
| 22,913  | 1,205,381   | 94             | 1,069                                  | 1.90                          | 13,986                   | 803,231     | 14             | 364   | 4,781                                  | 1.74                            |
| 6,102   | 419,685     | 15             | 2,332                                  | 1.45                          | 6,605                    | 375,102     | 3              | 267   | 10,420                                 | 1.76                            |
| 102,956   | 8,443,632   | 208            | 3,383                                  | 1.22                          | 124,023                  | 13,584,941  | 69             | 4,116   | 16,407                                 | 0.91                            |
| 6,512   | 414,590     | 21             | 1,645                                  | 1.57                          | 5,861                    | 214,520     | 7              | 217   | 2,554                                  | 2.73                            |
| 8,891   | 537,110     | 16             | 2,797                                  | 1.66                          | 2,605                    | 176,200     | 4              | 73  | 3,671                                  | 1.48                            |
| 2,479   | 155,560     | 13             | 997                                    | 1.59                          | 2,677                    | 136,420     | 5              | 114   | 2,274                                  | 1.96                            |
| 3,811   | 226,130     | 18             | 1,047                                  | 1.69                          | 4,857                    | 100,597     | 8              | 255   | 1,048                                  | 4.83                            |
| 5,080   | 273,510     | 14             | 1,628                                  | 1.86                          | 755                      | 77,500      | 2              | 15  | 3,229                                  | 0.97                            |
| 5,957   | 466,260     | 24             | 1,619                                  | 1.28                          | 3,892                    | 216,900     | 6              | 175   | 3,013                                  | 1.79                            |
| 2,451   | 125,600     | 8              | 1,308                                  | 1.95                          | 8,527                    | 376,040     | 4              | 244   | 7,834                                  | 2.27                            |
| 85,407  | 6,389,186   | 127            | 4,192                                  | 1.34                          | 12,474                   | 973,880     | 6              | 380   | 13,526                                 | 1.28                            |
| 3,812   | 177,248     | 10             | 1,477                                  | 2.15                          |                          |             |                |   |  |                                 |
| 63,532  | 4,534,660   | 133            | 2,841                                  | 1.40                          | 44,571                   | 2,733,677   | 39             | 1,487   | 5,841                                  | 1.63                            |
| 8,658   | 576,504     | 24             | 2,002                                  | 1.50                          | 22,131                   | 1,667,200   | 13             | 632   | 10,687                                 | 1.33                            |
| 3,653   | 180,297     | 18             | 835                                    | 2.03                          | 6,522                    | 355,328     | 3              | 211   | 9,870                                  | 1.84                            |
| 5,821   | 325,945     | 29             | 937                                    | 1.79                          | 4,592                    | 201,650     | 3              | 134   | 5,601                                  | 2.28                            |
| 30,811  | 1,874,209   | 68             | 2,297                                  | 1.64                          | 57,595                   | 4,451,718   | 23             | 1,540   | 16,129                                 | 1.29                            |
| 1,346   | 58,660      | 5              | 978                                    | 2.29                          | 1,097                    | 33,520      | 2              | 47  | 1,397                                  | 3.27                            |
| 114,556   | 7,648,620   | 146            | 4,366                                  | 1.50                          | 7,829                    | 592,600     | 5              | 184   | 9,877                                  | 1.32                            |
| 4,293   | 320,170     | 15             | 1,779                                  | 1.34                          | 6,868                    | 330,500     | 2              | 229   | 13,771                                 | 2.08                            |
| 13,509  | 782,975     | 41             | 1,591                                  | 1.73                          | 10,063                   | 597,096     | 15             | 355   | 3,317                                  | 1.69                            |
| 169,025   | 12,023,688  | 237            | 4,228                                  | 1.41                          | 174,204                  | 14,879,899  | 105            | 5,350   | 11,809                                 | 1.17                            |
| 72,777  | 4,999,864   | 207            | 2,013                                  | 1.46                          | 102,369                  | 10,150,410  | 40             | 2,836   | 21,147                                 | 1.01                            |
| 26,173  | 1,789,810   | 66             | 2,260                                  | 1.46                          | 36,112                   | 2,673,575   | 24             | 1,126   | 9,283                                  | 1.35                            |
| 6,276   | 447,309     | 21             | 1,775                                  | 1.40                          | 7,963                    | 565,931     | 12             | 253   | 3,930                                  | 1.41                            |
| 615,236   | 55,292,088  | 1,069          | 4,310                                  | 1.11                          | 379,520                  | 43,148,490  | 90             | 11,528  | 39,952                                 | 0.88                            |
| 21,913  | 1,152,406   | 59             | 1,628                                  | 1.90                          | 11,362                   | 893,603     | 7              | 288   | 10,638                                 | 1.27                            |
| 9,148   | 539,615     | 56             | 803                                    | 1.70                          | 3,347                    | 131,200     | 3              | 105   | 3,644                                  | 2.55                            |
| 49,710  | 3,253,090   | 90             | 3,012                                  | 1.53                          | 160,843                  | 15,882,364  | 40             | 4,215   | 33,088                                 | 1.01                            |
| 19,459  | 1,440,770   | 31             | 3,873                                  | 1.35                          | 4,595                    | 291,152     | 14             | 173   | 1,733                                  | 1.58                            |
| 1,398   | 88,696      | 7              | 1,056                                  | 1.58                          | 2,449                    | 110,000     | 1              | 80  | 9,167                                  | 2.23                            |
| 11,779  | 666,110     | 33             | 1,682                                  | 1.77                          | 11,262                   | 740,800     | 6              | 302   | 10,289                                 | 1.52                            |
| 5,755   | 370,870     | 20             | 1,545                                  | 1.55                          | 4,072                    | 191,360     | 4              | 95  | 3,987                                  | 2.13                            |
| 11,404  | 792,582     | 21             | 3,145                                  | 1.44                          | 8,131                    | 416,630     | 7              | 281   | 4,960                                  | 1.95                            |
| 29,493  | 1,707,682   | 102            | 1,395                                  | 1.73                          | 6,520                    | 621,180     | 5              | 139   | 10,353                                 | 1.05                            |
| 8,188   | 575,743     | 28             | 1,714                                  | 1.42                          | 7,247                    | 350,350     | 5              | 207   | 5,839                                  | 2.07                            |
| 761   | 30,450      | 7              | 363                                    | 2.50                          |                          |             |                |   |  |                                 |
| 11,107  | 744,170     | 32             | 1,938                                  | 1.49                          | 4,288                    | 271,620     | 7              | 177   | 3,234                                  | 1.58                            |

▲See Introduction page 213.



# CUSTOMERS, REVENUE, for the Year Ended

|                      | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               |
|----------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|-------------------------------|
|                      |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh |
|                      |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                             |
| Espanola .....       | 5,528           | 1,443              | 4,048                                 | 133,233  | 11,928,944  | 1,350          | 736                                    | 1.12                          |
| Essex .....          | 3,555           | 1,247              | 2,703                                 | 73,524   | 6,012,054   | 1,115          | 449                                    | 1.22                          |
| Etobicoke Twp. ....  | 214,963         | 66,589             | 232,938                               | 5,425,966  | 512,416,682 | 62,682         | 681                                    | 1.06                          |
| Exeter .....         | 3,093           | 1,338              | 3,092                                 | 115,677  | 8,989,043   | 1,181          | 634                                    | 1.29                          |
| Fergus .....         | 4,456           | 1,589              | 7,054                                 | 119,658  | 10,072,988  | 1,458          | 576                                    | 1.19                          |
| Finch .....          | 382             | 171                | 358                                   | 10,375   | 857,395     | 155            | 461                                    | 1.21                          |
| Flesherton .....     | 480             | 244                | 664                                   | 13,012   | 1,460,300   | 216            | 563                                    | 0.89                          |
| Fonthill .....       | 2,828           | 915                | 1,889                                 | 63,922   | 5,442,949   | 826            | 549                                    | 1.17                          |
| Forest .....         | 2,105           | 882                | 2,118                                 | 57,698   | 5,700,482   | 806            | 589                                    | 1.01                          |
| Forest Hill .....    | 22,970          | 9,072              | 22,051                                | 820,995  | 80,702,420  | 8,625          | 780                                    | 1.02                          |
| Fort William .....   | 47,963          | 15,271             | 47,853                                | 830,809  | 108,669,637 | 13,514         | 670                                    | 0.76                          |
| Frankford .....      | 1,783           | 662                | 1,468                                 | 44,609   | 4,276,295   | 615            | 579                                    | 1.04                          |
| Galt .....           | 32,708          | 10,452             | 37,349                                | 726,576  | 66,877,347  | 9,677          | 576                                    | 1.09                          |
| Georgetown .....     | 11,658          | 3,581              | 11,516                                | 268,573  | 22,817,820  | 3,360          | 566                                    | 1.18                          |
| †Geraldton .....     | 3,558           | 1,178              | 1,981                                 | 82,126   | 5,012,731   | 976            | 428                                    | 1.64                          |
| Glencoe .....        | 1,167           | 559                | 983                                   | 20,620   | 1,835,738   | 488            | 313                                    | 1.12                          |
| Gloucester Twp. .... | 21,050          | 4,838              | 20,467                                | 568,803  | 43,059,129  | 4,545          | 789                                    | 1.32                          |
| Goderich .....       | 6,611           | 2,584              | 8,179                                 | 169,416  | 14,785,443  | 2,367          | 521                                    | 1.15                          |
| †Gogama .....        | \$500           | 161                | 322                                   | 16,215   | 622,033     | 137            | 378                                    | 2.61                          |
| Grand Bend .....     | x662            | 854                | 786                                   | 49,898   | 2,482,076   | 748            | 277                                    | 2.01                          |
| Grand Valley .....   | 762             | 350                | 839                                   | 21,992   | 1,947,540   | 320            | 507                                    | 1.13                          |
| Granton .....        | 306             | 123                | 216                                   | 8,919  | 584,300     | 104            | 468                                    | 1.53                          |
| Gravenhurst .....    | 3,307           | 1,417              | 3,478                                 | 83,470   | 8,061,155   | 1,285          | 523                                    | 1.04                          |
| Grimsby .....        | 6,515           | 2,236              | 4,857                                 | 136,633  | 10,392,171  | 2,029          | 427                                    | 1.31                          |
| Guelph .....         | 49,497          | 15,276             | 63,032                                | 1,298,858  | 103,651,833 | 13,930         | 620                                    | 1.25                          |
| Hagersville .....    | 2,289           | 794                | 2,107                                 | 39,441   | 3,273,630   | 616            | 443                                    | 1.20                          |
| †Haileybury .....    | 3,000           | 988                | 2,271                                 | 78,563   | 5,412,482   | 820            | 550                                    | 1.45                          |
| Hamilton .....       | 283,345         | 91,124             | 552,788                               | 5,365,533  | 480,708,508 | 81,222         | 493                                    | 1.12                          |
| Hanover .....        | 4,830           | 1,831              | 7,379                                 | 112,490  | 10,994,562  | 1,554          | 590                                    | 1.02                          |
| Harriston .....      | 1,573           | 696                | 1,915                                 | 47,168   | 4,062,503   | 624            | 543                                    | 1.16                          |
| Harrow .....         | 1,884           | 718                | 2,029                                 | 54,023   | 4,938,938   | 622            | 662                                    | 1.09                          |
| Hastings .....       | 832             | 412                | 760                                   | 24,978   | 1,953,016   | 384            | 424                                    | 1.28                          |
| Havelock .....       | 1,254           | 460                | 905                                   | 28,340   | 2,547,882   | 426            | 498                                    | 1.11                          |
| Hawkesbury .....     | 9,281           | 2,463              | 6,431                                 | 187,316  | 16,755,556  | 2,278          | 613                                    | 1.12                          |
| Hearst .....         | 2,856           | 799                | 3,307                                 | 66,052   | 4,942,240   | 717            | 574                                    | 1.34                          |
| Hensall .....        | 920             | 385                | 1,103                                 | 24,033   | 2,157,390   | 312            | 576                                    | 1.11                          |
| †Hepworth .....      | 331             | 128                | 243                                   | 9,050  | 614,555     | 111            | 461                                    | 1.47                          |
| Hespeler .....       | 5,328           | 1,654              | 7,686                                 | 103,978  | 8,760,092   | 1,491          | 490                                    | 1.19                          |
| Highgate .....       | 423             | 171                | 231                                   | 5,883  | 465,480     | 149            | 260                                    | 1.26                          |
| Holstein .....       | 163             | 97                 | 190                                   | 4,912  | 438,010     | 78             | 468                                    | 1.12                          |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    | INDUSTRIAL POWER SERVICE |               |                |   |  |                                     |
|---|-------------|----------------|--|------------------------------------|--------------------------|---------------|----------------|---|--|-------------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh | Revenue                  | Consumption   | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh▲ |
| \$  | kwh         |                | kwh                                    | ¢                                  | \$                       | kwh           |                | kw  | kwh                                    | ¢                                   |
| 48,993  | 3,671,219   | 88             | 3,477                                  | 1.33                               | 4,184                    | 350,340       | 5              | 130   | 5,839                                  | 1.19                                |
| 56,988  | 3,887,257   | 102            | 3,176                                  | 1.47                               | 27,652                   | 1,563,056     | 30             | 963   | 4,342                                  | 1.77                                |
| 2,446,448   | 189,423,267 | 2,778          | 5,682                                  | 1.29                               | 3,820,371                | 415,293,745   | 1,129          | 105,887   | 30,654                                 | 0.92                                |
| 36,716  | 2,128,893   | 113            | 1,570                                  | 1.72                               | 48,948                   | 2,927,809     | 44             | 1,364   | 5,545                                  | 1.67                                |
| 30,861  | 1,792,140   | 98             | 1,524                                  | 1.72                               | 133,646                  | 11,329,636    | 33             | 3,334   | 28,610                                 | 1.18                                |
| 3,499   | 225,565     | 12             | 1,566                                  | 1.55                               | 3,277                    | 136,522       | 4              | 110   | 2,844                                  | 2.40                                |
| 6,198   | 452,910     | 26             | 1,452                                  | 1.37                               | 1,742                    | 116,600       | 2              | 74  | 4,858                                  | 1.49                                |
| 18,775  | 1,195,631   | 78             | 1,277                                  | 1.57                               | 5,340                    | 318,712       | 11             | 174   | 2,414                                  | 1.68                                |
| 25,880  | 1,985,598   | 58             | 2,853                                  | 1.30                               | 15,313                   | 1,238,735     | 18             | 557   | 5,735                                  | 1.24                                |
| 319,583   | 29,268,170  | 443            | 5,506                                  | 1.09                               | 15,105                   | 2,147,330     | 4              | 405   | 44,736                                 | 0.70                                |
| 564,534   | 57,289,063  | 1,596          | 2,991                                  | 0.99                               | 564,623                  | 69,184,160    | 161            | 21,090  | 35,810                                 | 0.82                                |
| 10,256  | 811,075     | 41             | 1,649                                  | 1.26                               | 4,005                    | 402,130       | 6              | 141   | 5,585                                  | 1.00                                |
| 290,029   | 21,970,160  | 624            | 2,934                                  | 1.32                               | 751,678                  | 88,578,649    | 151            | 23,735  | 48,884                                 | 0.85                                |
| 87,965  | 6,271,661   | 172            | 3,039                                  | 1.40                               | 211,462                  | 24,959,584    | 49             | 5,544   | 42,448                                 | 0.85                                |
| 65,488  | 3,802,800   | 187            | 1,695                                  | 1.72                               | 2,381                    | 112,634       | 15             | 71  | 626                                    | 2.11                                |
| 18,689  | 1,206,892   | 52             | 1,934                                  | 1.55                               | 15,565                   | 858,764       | 19             | 560   | 3,767                                  | 1.81                                |
| 476,438   | 46,978,795  | 259            | 15,115                                 | 1.01                               | 99,160                   | 7,736,601     | 34             | 2,969   | 18,962                                 | 1.28                                |
| 66,171  | 4,345,036   | 162            | 2,235                                  | 1.52                               | 212,012                  | 19,205,925    | 55             | 5,940   | 29,100                                 | 1.10                                |
| 7,419   | 298,114     | 22             | 1,129                                  | 2.49                               | 6,841                    | 422,880       | 2              | 89  | 17,620                                 | 1.62                                |
| 29,473  | 1,645,256   | 106            | 1,293                                  | 1.79                               | .....                    | .....         | .....          | .....   | .....                                  | .....                               |
| 5,946   | 338,410     | 24             | 1,175                                  | 1.76                               | 4,858                    | 275,950       | 6              | 172   | 3,833                                  | 1.76                                |
| 1,771   | 74,390      | 18             | 344                                    | 2.38                               | 121                      | 790           | 1              | 6   | .....                                  | .....                               |
| 36,562  | 2,882,740   | 103            | 2,332                                  | 1.27                               | 28,979                   | 2,979,989     | 29             | 942   | 8,563                                  | 0.97                                |
| 92,068  | 6,316,518   | 181            | 2,908                                  | 1.46                               | 44,155                   | 3,019,965     | 26             | 1,216   | 9,679                                  | 1.46                                |
| 634,454   | 45,249,341  | 1,204          | 3,132                                  | 1.40                               | 1,312,910                | 147,369,696   | 142            | 33,899  | 86,485                                 | 0.89                                |
| 34,319  | 2,095,121   | 151            | 1,156                                  | 1.64                               | 35,336                   | 2,339,454     | 27             | 1,150   | 7,221                                  | 1.51                                |
| 51,592  | 2,800,705   | 160            | 1,459                                  | 1.84                               | 5,764                    | 438,529       | 8              | 142   | 4,568                                  | 1.31                                |
| 3,719,021   | 319,163,550 | 8,957          | 2,969                                  | 1.17                               | 16,258,503               | 2,563,947,203 | 945            | 441,676   | 226,098                                | 0.63                                |
| 66,837  | 4,777,455   | 237            | 1,680                                  | 1.40                               | 104,720                  | 10,552,808    | 40             | 3,774   | 21,985                                 | 0.99                                |
| 18,512  | 1,234,354   | 55             | 1,870                                  | 1.50                               | 32,372                   | 3,078,019     | 17             | 840   | 15,088                                 | 1.05                                |
| 42,510  | 2,808,909   | 80             | 2,926                                  | 1.51                               | 23,509                   | 1,309,707     | 16             | 779   | 6,821                                  | 1.79                                |
| 6,369   | 448,400     | 22             | 1,698                                  | 1.42                               | 9,726                    | 637,024       | 6              | 301   | 8,848                                  | 1.53                                |
| 10,075  | 708,596     | 32             | 1,845                                  | 1.42                               | 549                      | 46,800        | 2              | 15  | 1,950                                  | 1.17                                |
| 94,456  | 6,947,488   | 150            | 3,860                                  | 1.36                               | 29,391                   | 2,565,975     | 35             | 976   | 6,109                                  | 1.15                                |
| 31,764  | 2,077,848   | 68             | 2,546                                  | 1.53                               | 51,120                   | 3,398,680     | 14             | 1,530   | 20,230                                 | 1.50                                |
| 12,660  | 711,930     | 53             | 1,119                                  | 1.78                               | 30,225                   | 1,816,160     | 20             | 985   | 7,567                                  | 1.66                                |
| 4,573   | 243,296     | 17             | 1,193                                  | 1.88                               | .....                    | .....         | .....          | .....   | .....                                  | .....                               |
| 38,645  | 2,459,449   | 128            | 1,601                                  | 1.57                               | 211,184                  | 24,996,925    | 35             | 6,479   | 59,516                                 | 0.84                                |
| 3,878   | 283,630     | 19             | 1,244                                  | 1.37                               | 921                      | 40,100        | 3              | 24  | 1,114                                  | 2.30                                |
| 1,215   | 75,440      | 17             | 370                                    | 1.61                               | 839                      | 37,800        | 2              | 18  | 1,575                                  | 2.22                                |

▲See Introduction page 213.

# CUSTOMERS, REVENUE, for the Year Ended

|   | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|---|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|   |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |
|   |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| †Hornepayne.....                            | \$1,500         | 497                | 1,241                                 | 60,399   | 3,282,213   | 428            | 639                                    | 1.84                               |
| †Hudson Townsite.....                       | \$580           | 209                | 310                                   | 14,694   | 782,327     | 176            | 370                                    | 1.88                               |
| Huntsville.....                             | 3,122           | 1,289              | 3,665                                 | 89,007   | 8,125,530   | 1,159          | 584                                    | 1.10                               |
| Ingersoll.....                              | 7,245           | 2,498              | 7,462                                 | 159,402  | 10,688,909  | 2,229          | 400                                    | 1.49                               |
| Iroquois.....                               | 1,123           | 412                | 1,283                                 | 30,583   | 3,021,643   | 351            | 717                                    | 1.01                               |
| Jarvis.....                                 | 835             | 297                | 579                                   | 15,840   | 1,116,721   | 273            | 341                                    | 1.42                               |
| †Jellicoe Townsite.....                     | \$200           | 63                 | 80                                    | 3,920  | 213,467     | 53             | 336                                    | 1.84                               |
| Kapuskasing.....                            | 12,389          | 2,186              | 6,106                                 | 160,122  | 13,884,957  | 2,008          | 576                                    | 1.15                               |
| †Kearns Townsite.....                       | \$500           | 184                | 308                                   | 12,399   | 883,016     | 171            | 430                                    | 1.40                               |
| Kemptville.....                             | 2,142           | 866                | 2,721                                 | 68,414   | 5,680,421   | 807            | 587                                    | 1.20                               |
| Killaloe Station.....                       | 825             | 286                | 583                                   | 20,717   | 1,301,282   | 265            | 409                                    | 1.59                               |
| Kincardine.....                             | 2,734           | 1,335              | 2,979                                 | 89,514   | 8,206,093   | 1,206          | 567                                    | 1.09                               |
| King City.....                              | 1,949           | 551                | 1,775                                 | 62,034   | 5,112,881   | 530            | 804                                    | 1.21                               |
| †King Kirkland Townsite.....                | \$600           | 206                | 410                                   | 18,522   | 1,345,231   | 184            | 609                                    | 1.38                               |
| Kingston.....                               | 54,086          | 18,888             | 79,073                                | 1,259,513  | 121,389,121 | 16,156         | 626                                    | 1.04                               |
| Kingsville.....                             | 3,450           | 1,456              | 3,240                                 | 67,756   | 6,628,608   | 1,305          | 423                                    | 1.02                               |
| Kirkfield.....                              | 194             | 106                | 159                                   | 6,812  | 495,070     | 99             | 417                                    | 1.38                               |
| †Kirkland Lake (including<br>Swastika)..... | \$18,000        | 6,081              | 11,371                                | 391,025  | 26,638,058  | 5,112          | 434                                    | 1.47                               |
| Kitchener.....                              | 91,376          | 28,948             | 114,599                               | 1,901,186  | 184,958,502 | 26,906         | 573                                    | 1.03                               |
| Lakefield.....                              | 2,201           | 825                | 2,379                                 | 62,980   | 5,655,289   | 741            | 636                                    | 1.11                               |
| Lambeth.....                                | 2,654           | 814                | 1,926                                 | 74,356   | 5,412,769   | 782            | 577                                    | 1.37                               |
| Lanark.....                                 | 925             | 294                | 607                                   | 14,788   | 1,550,177   | 280            | 461                                    | 0.95                               |
| Lancaster.....                              | 600             | 223                | 500                                   | 15,886   | 1,220,761   | 201            | 506                                    | 1.30                               |
| Larder Lake Twp.....                        | 1,392           | 445                | 1,004                                 | 38,931   | 3,219,130   | 395            | 679                                    | 1.21                               |
| Latchford.....                              | 488             | 151                | 312                                   | 8,712  | 679,054     | 144            | 393                                    | 1.28                               |
| Leamington.....                             | 9,379           | 3,497              | 9,672                                 | 185,333  | 15,457,522  | 3,165          | 407                                    | 1.20                               |
| Lindsay.....                                | 11,763          | 4,254              | 16,814                                | 282,608  | 27,604,123  | 3,884          | 592                                    | 1.02                               |
| Listowel.....                               | 4,420           | 1,745              | 5,087                                 | 116,807  | 10,915,428  | 1,571          | 579                                    | 1.07                               |
| London.....                                 | 187,624         | 60,158             | 188,284                               | 4,414,309  | 326,713,456 | 56,544         | 482                                    | 1.35                               |
| Long Branch.....                            | 12,439          | 5,068              | 9,406                                 | 278,723  | 25,752,181  | 4,853          | 442                                    | 1.08                               |
| L'Original.....                             | 1,354           | 431                | 998                                   | 30,684   | 2,382,218   | 405            | 490                                    | 1.29                               |
| Lucan.....                                  | 969             | 384                | 940                                   | 29,880   | 2,527,918   | 355            | 593                                    | 1.18                               |
| Lucknow.....                                | 1,078           | 488                | 1,163                                 | 25,105   | 2,372,647   | 383            | 516                                    | 1.06                               |
| Lynden.....                                 | 575             | 179                | 553                                   | 15,068   | 1,380,286   | 170            | 677                                    | 1.09                               |
| Madoc.....                                  | 1,264           | 607                | 1,396                                 | 33,180   | 3,422,557   | 534            | 534                                    | 0.97                               |
| Magnetawan.....                             | 223             | 114                | 169                                   | 6,942  | 387,460     | 105            | 308                                    | 1.79                               |
| Markdale.....                               | 1,099           | 478                | 1,114                                 | 26,418   | 2,449,994   | 380            | 537                                    | 1.08                               |
| Markham.....                                | 7,694           | 2,238              | 7,817                                 | 213,864  | 17,554,253  | 2,082          | 703                                    | 1.22                               |
| Marmora.....                                | 1,264           | 504                | 1,195                                 | 33,717   | 2,979,314   | 461            | 539                                    | 1.13                               |
| Martintown.....                             | 377             | 124                | 212                                   | 6,358  | 526,110     | 108            | 406                                    | 1.21                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|--------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh         |                | kw  | kwh                                    | ¢                              |
| 31,897  | 1,413,826   | 67             | 1,758                                  | 2.26                          | 7,938                    | 491,025     | 2              | 117   | 20,459                                 | 1.62                           |
| 7,767   | 455,994     | 32             | 1,187                                  | 1.70                          | 9,942                    | 1,018,290   | 1              | 201   | 84,858                                 | 0.98                           |
| 60,003  | 5,086,950   | 99             | 4,282                                  | 1.18                          | 19,155                   | 1,656,390   | 31             | 742   | 4,453                                  | 1.16                           |
| 82,850  | 5,160,660   | 200            | 2,150                                  | 1.61                          | 182,332                  | 18,788,921  | 69             | 5,318   | 22,692                                 | 0.97                           |
| 18,264  | 1,328,884   | 56             | 1,978                                  | 1.37                          | 3,865                    | 333,100     | 5              | 133   | 5,552                                  | 1.16                           |
| 5,401   | 307,506     | 17             | 1,507                                  | 1.76                          | 9,073                    | 485,059     | 7              | 239   | 5,775                                  | 1.87                           |
| 2,348   | 127,868     | 10             | 1,066                                  | 1.84                          |                          |             |                |   |  |                                |
| 104,775   | 7,291,231   | 151            | 4,024                                  | 1.44                          | 9,277                    | 704,430     | 27             | 400   | 2,174                                  | 1.32                           |
| 3,170   | 170,802     | 12             | 1,186                                  | 1.86                          | 464                      | 24,490      | 1              | 13  | 2,041                                  | 1.89                           |
| 40,840  | 3,035,544   | 48             | 5,270                                  | 1.35                          | 27,469                   | 1,731,183   | 11             | 828   | 13,115                                 | 1.59                           |
| 8,811   | 544,986     | 21             | 2,163                                  | 1.62                          | 53                       | 280         |                | 4   |  |                                |
| 35,775  | 2,233,352   | 103            | 1,807                                  | 1.60                          | 31,307                   | 2,259,138   | 26             | 869   | 7,241                                  | 1.39                           |
| 17,273  | 1,293,703   | 18             | 5,989                                  | 1.34                          | 1,971                    | 184,453     | 3              | 49  | 5,124                                  | 1.07                           |
| 3,229   | 254,483     | 22             | 964                                    | 1.27                          |                          |             |                |   |  |                                |
| 1,125,530   | 95,794,567  | 2,542          | 3,140                                  | 1.17                          | 1,283,095                | 182,143,257 | 190            | 38,204  | 79,887                                 | 0.70                           |
| 35,391  | 2,469,332   | 118            | 1,744                                  | 1.43                          | 30,756                   | 2,084,717   | 33             | 1,333   | 5,264                                  | 1.48                           |
| 1,082   | 50,774      | 7              | 604                                    | 2.13                          |                          |             |                |   |  |                                |
| 237,372   | 16,957,052  | 939            | 1,505                                  | 1.40                          | 39,336                   | 3,394,599   | 30             | \$1,024   | 9,429                                  | 1.16                           |
| 1,252,291   | 103,322,820 | 1,767          | 4,873                                  | 1.21                          | 2,141,854                | 235,295,309 | 275            | 60,194  | 71,302                                 | 0.91                           |
| 41,114  | 2,659,094   | 75             | 2,955                                  | 1.55                          | 11,098                   | 741,074     | 9              | 345   | 6,862                                  | 1.50                           |
| 15,028  | 933,850     | 30             | 2,594                                  | 1.61                          | 2,951                    | 228,900     | 2              | 64  | 9,538                                  | 1.29                           |
| 2,923   | 235,811     | 10             | 1,965                                  | 1.24                          | 4,503                    | 345,340     | 4              | 166   | 7,195                                  | 1.30                           |
| 8,799   | 563,560     | 22             | 2,135                                  | 1.56                          |                          |             |                |   |  |                                |
| 10,755  | 591,880     | 46             | 1,072                                  | 1.82                          | 1,548                    | 140,920     | 4              | 30  | 2,936                                  | 1.10                           |
| 3,101   | 231,179     | 6              | 3,211                                  | 1.34                          | 21                       | 90          | 1              | 2   |  |                                |
| 128,680   | 8,793,625   | 266            | 2,755                                  | 1.46                          | 197,269                  | 21,528,605  | 66             | 4,900   | 27,183                                 | 0.92                           |
| 149,210   | 11,281,410  | 276            | 3,406                                  | 1.32                          | 311,453                  | 37,907,234  | 94             | 8,739   | 33,606                                 | 0.82                           |
| 75,064  | 5,465,339   | 139            | 3,277                                  | 1.37                          | 64,271                   | 5,614,142   | 35             | 1,919   | 13,367                                 | 1.14                           |
| 2,599,786   | 199,607,656 | 3,063          | 5,431                                  | 1.30                          | 3,177,619                | 342,924,129 | 551            | 80,694  | 51,864                                 | 0.93                           |
| 79,359  | 6,912,356   | 189            | 3,048                                  | 1.15                          | 94,777                   | 9,465,266   | 26             | 3,556   | 30,337                                 | 1.00                           |
| 14,586  | 1,007,593   | 24             | 3,499                                  | 1.45                          | 862                      | 22,153      | 2              | 48  | 923                                    | 3.89                           |
| 8,212   | 570,230     | 22             | 2,160                                  | 1.44                          | 4,267                    | 201,651     | 7              | 170   | 2,401                                  | 2.12                           |
| 14,597  | 920,908     | 93             | 825                                    | 1.59                          | 19,978                   | 1,009,485   | 12             | 501   | 7,010                                  | 1.98                           |
| 2,438   | 193,187     | 6              | 2,683                                  | 1.26                          | 6,469                    | 526,650     | 3              | 215   | 14,629                                 | 1.23                           |
| 20,635  | 1,515,215   | 60             | 2,104                                  | 1.36                          | 8,204                    | 529,356     | 13             | 284   | 3,393                                  | 1.55                           |
| 2,790   | 167,661     | 8              | 1,746                                  | 1.66                          | 581                      | 10,750      | 1              | 23  | 896                                    |                                |
| 19,762  | 1,277,235   | 91             | 1,170                                  | 1.55                          | 5,904                    | 451,300     | 7              | 180   | 5,373                                  | 1.31                           |
| 89,147  | 6,505,247   | 132            | 4,107                                  | 1.37                          | 52,380                   | 4,693,506   | 24             | 1,544   | 16,297                                 | 1.12                           |
| 14,539  | 952,772     | 37             | 2,146                                  | 1.53                          | 3,082                    | 240,686     | 6              | 83  | 3,343                                  | 1.28                           |
| 2,127   | 146,740     | 14             | 873                                    | 1.45                          | 835                      | 20,250      | 2              | 49  | 844                                    | 4.12                           |

▲See Introduction page 213.



# CUSTOMERS, REVENUE, for the Year Ended

|                      | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|----------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|                      |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |
|                      |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Massey.....          | 1,221           | 362                | 807                                   | 34,799   | 2,307,679   | 337            | 571                                    | 1.51                               |
| †Matachewan Twp..... | §900            | 292                | 367                                   | 17,250   | 1,163,684   | 251            | 386                                    | 1.48                               |
| †Matheson.....       | 840             | 309                | 977                                   | 19,990   | 1,418,970   | 244            | 485                                    | 1.41                               |
| †Mattawa.....        | 2,998           | 869                | 2,334                                 | 87,887   | 5,200,480   | 736            | 589                                    | 1.69                               |
| Maxville.....        | 776             | 320                | 830                                   | 19,162   | 1,583,080   | 285            | 463                                    | 1.21                               |
| McGarry Twp.....     | 1,829           | 382                | 890                                   | 32,988   | 2,769,918   | 336            | 687                                    | 1.19                               |
| Meaford.....         | 3,781           | 1,620              | 4,040                                 | 87,048   | 8,201,572   | 1,375          | 497                                    | 1.06                               |
| Merlin.....          | 639             | 270                | 511                                   | 12,265   | 1,044,342   | 200            | 435                                    | 1.17                               |
| Merrickville.....    | 893             | 367                | 781                                   | 23,982   | 1,894,029   | 342            | 462                                    | 1.27                               |
| Midland.....         | 9,815           | 3,163              | 11,929                                | 191,932  | 20,956,280  | 2,940          | 594                                    | 0.92                               |
| Mildmay.....         | 915             | 336                | 651                                   | 24,633   | 2,014,846   | 299            | 562                                    | 1.22                               |
| Millbrook.....       | 931             | 340                | 795                                   | 29,939   | 2,122,134   | 323            | 548                                    | 1.41                               |
| Milton.....          | 6,407           | 1,886              | 7,157                                 | 161,472  | 13,938,569  | 1,681          | 691                                    | 1.16                               |
| Milverton.....       | 1,099           | 501                | 1,238                                 | 33,253   | 2,724,268   | 431            | 527                                    | 1.22                               |
| Mimico.....          | 18,700          | 7,169              | 11,238                                | 334,244  | 35,549,819  | 6,810          | 435                                    | 0.94                               |
| Mitchell.....        | 2,414           | 987                | 2,933                                 | 69,610   | 5,533,940   | 895            | 515                                    | 1.26                               |
| Moorefield.....      | 319             | 145                | 452                                   | 8,503  | 741,060     | 132            | 468                                    | 1.15                               |
| Morrisburg.....      | 1,978           | 752                | 1,936                                 | 54,868   | 4,872,564   | 669            | 607                                    | 1.13                               |
| Mount Brydges.....   | 1,109           | 402                | 608                                   | 22,211   | 1,480,218   | 371            | 332                                    | 1.50                               |
| Mount Forest.....    | 2,802           | 1,170              | 3,058                                 | 82,155   | 7,710,130   | 1,061          | 606                                    | 1.07                               |
| Napanee.....         | 4,591           | 1,795              | 4,523                                 | 103,618  | 10,150,809  | 1,623          | 521                                    | 1.02                               |
| Nepean Twp.....      | 45,793          | 12,904             | 47,484                                | 1,433,722  | 112,468,292 | 12,091         | 775                                    | 1.27                               |
| Neustadt.....        | 575             | 221                | 654                                   | 12,366   | 1,196,140   | 202            | 493                                    | 1.03                               |
| Newboro.....         | 271             | 166                | 177                                   | 9,695  | 565,953     | 155            | 304                                    | 1.71                               |
| Newburgh.....        | 559             | 195                | 409                                   | 14,429   | 1,049,245   | 168            | 520                                    | 1.38                               |
| Newbury.....         | 352             | 145                | 226                                   | 6,733  | 530,280     | 133            | 332                                    | 1.27                               |
| Newcastle.....       | 1,506           | 586                | 1,524                                 | 43,932   | 3,836,086   | 528            | 605                                    | 1.15                               |
| New Hamburg.....     | 2,430           | 825                | 2,311                                 | 65,558   | 6,058,434   | 749            | 674                                    | 1.08                               |
| †New Liskeard.....   | 5,023           | 1,776              | 5,436                                 | 140,032  | 9,373,145   | 1,463          | 534                                    | 1.49                               |
| Newmarket.....       | 8,814           | 2,976              | 10,575                                | 215,554  | 19,557,804  | 2,674          | 610                                    | 1.10                               |
| New Toronto.....     | 12,099          | 4,177              | 34,389                                | 245,950  | 23,568,351  | 3,838          | 512                                    | 1.04                               |
| Niagara.....         | 2,936           | 1,213              | 2,310                                 | 82,614   | 6,933,974   | 1,121          | 515                                    | 1.19                               |
| Niagara Falls.....   | 54,340          | 17,264             | 48,275                                | 1,064,999  | 94,052,013  | 16,092         | 487                                    | 1.13                               |
| Nipigon Twp.....     | 2,666           | 790                | 2,242                                 | 54,751   | 5,296,162   | 699            | 631                                    | 1.03                               |
| North Bay.....       | 22,662          | 8,136              | 20,706                                | 518,901  | 45,806,455  | 6,749          | 566                                    | 1.13                               |
| North York Twp.....  | 390,456         | 116,978            | 371,854                               | 9,444,525  | 822,907,229 | 108,729        | 631                                    | 1.15                               |
| Norwich.....         | 1,672           | 683                | 1,149                                 | 41,027   | 3,426,300   | 572            | 499                                    | 1.20                               |
| Norwood.....         | 1,092           | 425                | 953                                   | 28,019   | 2,693,559   | 388            | 579                                    | 1.04                               |
| Oakville.....        | 52,560          | 14,979             | 98,401                                | 1,500,949  | 125,856,354 | 13,876         | 756                                    | 1.19                               |
| Oil Springs.....     | 523             | 249                | 433                                   | 9,254  | 716,570     | 198            | 302                                    | 1.29                               |

†Retail service provided by The Hydro Electric Power Commission of Ontario.

§Estimated.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|--------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh         |                | kw  | kwh                                    | ¢                              |
| 10,331  | 539,505     | 24             | 1,873                                  | 1.91                          | 9.38                     | 133,820     | 1              | 15  | 11,152                                 | 0.70                           |
| 5,609   | 353,677     | 41             | 719                                    | 1.59                          |                          |             |                |   |  |                                |
| 19,140  | 1,155,937   | 63             | 1,529                                  | 1.66                          | 10,429                   | 451,600     | 2              | 275   | 18,817                                 | 2.31                           |
| 56,412  | 2,851,875   | 130            | 1,828                                  | 1.98                          | 26,877                   | 2,166,000   | 3              | 393   | 60,167                                 | 1.24                           |
| 16,144  | 955,625     | 32             | 2,489                                  | 1.69                          | 5,759                    | 175,710     | 3              | 190   | 4,881                                  | 3.28                           |
| 10,743  | 617,388     | 44             | 1,169                                  | 1.74                          | 1,898                    | 183,950     | 2              | 50  | 7,665                                  | 1.03                           |
| 41,233  | 2,920,952   | 209            | 1,165                                  | 1.41                          | 65,837                   | 6,790,428   | 36             | 1,799   | 15,719                                 | 0.97                           |
| 11,831  | 773,895     | 64             | 1,008                                  | 1.53                          | 6,475                    | 255,635     | 6              | 175   | 3,550                                  | 2.53                           |
| 4,512   | 296,109     | 16             | 1,542                                  | 1.52                          | 8,836                    | 610,380     | 9              | 322   | 5,652                                  | 1.45                           |
| 72,505  | 6,535,436   | 146            | 3,730                                  | 1.11                          | 226,022                  | 29,569,492  | 77             | 8,786   | 32,002                                 | 0.76                           |
| 8,520   | 475,529     | 29             | 1,366                                  | 1.79                          | 5,233                    | 293,949     | 8              | 164   | 3,062                                  | 1.78                           |
| 6,029   | 265,569     | 17             | 1,302                                  | 2.27                          |                          |             |                |   |  |                                |
| 86,899  | 6,726,434   | 182            | 3,080                                  | 1.29                          | 101,963                  | 9,966,237   | 23             | 2,618   | 36,110                                 | 1.02                           |
| 19,263  | 1,120,108   | 51             | 1,830                                  | 1.72                          | 13,289                   | 787,898     | 19             | 453   | 3,456                                  | 1.69                           |
| 141,597   | 12,737,881  | 323            | 3,286                                  | 1.11                          | 63,126                   | 5,902,104   | 36             | 2,340   | 13,662                                 | 1.07                           |
| 25,227  | 1,628,359   | 70             | 1,939                                  | 1.55                          | 64,594                   | 5,279,941   | 22             | 1,703   | 20,000                                 | 1.22                           |
| 2,397   | 136,920     | 11             | 1,037                                  | 1.75                          | 8,910                    | 727,200     | 2              | 206   | 30,300                                 | 1.23                           |
| 26,831  | 1,948,382   | 74             | 2,194                                  | 1.38                          | 15,071                   | 1,064,350   | 9              | 438   | 9,855                                  | 1.42                           |
| 6,573   | 388,270     | 25             | 1,294                                  | 1.69                          | 7,557                    | 465,210     | 6              | 212   | 6,461                                  | 1.62                           |
| 32,452  | 2,392,450   | 78             | 2,556                                  | 1.36                          | 16,338                   | 997,890     | 31             | 585   | 2,683                                  | 1.64                           |
| 60,955  | 4,718,972   | 132            | 2,979                                  | 1.29                          | 52,696                   | 5,294,422   | 40             | 1,798   | 11,030                                 | 1.00                           |
| 703,043   | 59,797,722  | 760            | 6,557                                  | 1.18                          | 183,517                  | 19,847,075  | 53             | 4,378   | 31,206                                 | 0.92                           |
| 1,531   | 81,970      | 16             | 427                                    | 1.87                          | 6,357                    | 431,550     | 3              | 236   | 11,988                                 | 1.47                           |
| 1,598   | 76,580      | 10             | 638                                    | 2.09                          | 315                      | 18,200      | 1              | 8   | 1,517                                  | 1.73                           |
| 5,494   | 241,268     | 23             | 874                                    | 2.28                          | 3,079                    | 135,100     | 4              | 129   | 2,815                                  | 2.28                           |
| 2,029   | 135,610     | 10             | 1,130                                  | 1.50                          | 173                      | 6,420       | 2              | 10  | 268                                    | 2.69                           |
| 14,231  | 938,610     | 46             | 1,700                                  | 1.52                          | 13,015                   | 1,196,897   | 12             | 352   | 8,312                                  | 1.09                           |
| 21,141  | 1,372,004   | 55             | 2,079                                  | 1.54                          | 29,754                   | 2,147,814   | 21             | 865   | 8,523                                  | 1.39                           |
| 133,753   | 7,770,190   | 289            | 2,241                                  | 1.72                          | 72,348                   | 6,162,392   | 24             | 1,516   | 21,397                                 | 1.17                           |
| 180,692   | 14,258,873  | 268            | 4,434                                  | 1.27                          | 97,964                   | 9,973,336   | 34             | 2,696   | 24,444                                 | 0.98                           |
| 181,371   | 15,047,950  | 299            | 4,194                                  | 1.21                          | 1,131,170                | 163,983,496 | 40             | 30,214  | 341,632                                | 0.69                           |
| 27,232  | 1,725,327   | 72             | 1,997                                  | 1.58                          | 19,108                   | 1,139,114   | 20             | 508   | 4,746                                  | 1.68                           |
| 979,319   | 85,637,598  | 1,076          | 6,632                                  | 1.14                          | 447,979                  | 48,957,217  | 96             | 13,392  | 42,498                                 | 0.92                           |
| 41,360  | 3,209,844   | 87             | 3,075                                  | 1.29                          | 22,761                   | 3,033,318   | 4              | 534   | 63,194                                 | 0.75                           |
| 435,904   | 32,195,406  | 1,242          | 2,160                                  | 1.35                          | 159,998                  | 15,150,018  | 145            | 4,542   | 8,707                                  | 1.06                           |
| 6,547,109   | 533,711,552 | 7,135          | 6,233                                  | 1.23                          | 3,130,250                | 314,630,219 | 1,114          | 89,350  | 23,536                                 | 0.99                           |
| 16,292  | 888,266     | 99             | 748                                    | 1.83                          | 4,777                    | 373,173     | 12             | 132   | 2,591                                  | 1.28                           |
| 7,672   | 515,527     | 33             | 1,302                                  | 1.49                          | 3,723                    | 154,240     | 4              | 155   | 3,213                                  | 2.41                           |
| 625,279   | 47,836,305  | 924            | 4,314                                  | 1.31                          | 2,841,190                | 408,910,917 | 179            | 63,482  | 190,368                                | 0.69                           |
| 2,614   | 141,515     | 18             | 655                                    | 1.85                          | 11,239                   | 1,136,530   | 33             | 265   | 2,870                                  | 0.99                           |

▲See Introduction page 213.

# CUSTOMERS, REVENUE, for the Year Ended

|  | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|--|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|  |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |
|  |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Omemece.....   | 808             | 311                | 695                                   | 21,682   | 1,593,359   | 286            | 464                                    | 1.36                               |
| Orangeville.....                                       | 5,647           | 2,121              | 5,800                                 | 157,601  | 13,546,840  | 1,929          | 585                                    | 1.16                               |
| Orillia.....   | 14,902          | 5,579              | <b>21,600</b>                         | 313,124  | 32,339,510  | 4,796          | 562                                    | 0.97                               |
| Orono.....   | 1,000           | 393                | 978                                   | 32,370   | 2,591,383   | 368            | 587                                    | 1.25                               |
| Oshawa.....  | 77,126          | 24,845             | 113,678                               | 1,783,092  | 196,686,188 | 23,214         | 706                                    | 0.91                               |
| Ottawa (including Eastview<br>and Rockcliffe Park..... | 315,325         | 99,530             | <b>338,597</b>                        | 5,583,408  | 713,929,546 | 87,806         | 678                                    | 0.78                               |
| Otterville.....  | 769             | 283                | 541                                   | 18,996   | 1,546,673   | 249            | 518                                    | 1.23                               |
| Owen Sound.....  | 18,074          | 6,235              | 17,518                                | 439,695  | 44,208,317  | 5,796          | 636                                    | 0.99                               |
| Paisley.....   | 689             | 334                | 727                                   | 19,558   | 1,670,800   | 259            | 538                                    | 1.17                               |
| Palmerston.....  | 1,671           | 675                | 1,686                                 | 45,967   | 3,908,144   | 603            | 540                                    | 1.18                               |
| Paris.....   | 6,245           | 2,184              | 5,192                                 | 134,991  | 10,488,580  | 1,898          | 461                                    | 1.29                               |
| Parkhill.....  | 1,084           | 509                | 1,212                                 | 34,188   | 2,747,553   | 449            | 510                                    | 1.24                               |
| Parry Sound.....                                       | 5,868           | 2,167              | <b>6,000</b>                          | 175,269  | 14,835,242  | 1,944          | 636                                    | 1.18                               |
| Penetanguishene.....                                   | 5,055           | 1,447              | 4,432                                 | 89,501   | 9,901,208   | 1,324          | 623                                    | 0.90                               |
| Perth.....   | 5,521           | 2,137              | 6,235                                 | 136,129  | 11,994,935  | 1,964          | 509                                    | 1.13                               |
| Peterborough.....                                      | 54,064          | 17,412             | 60,689                                | 1,439,324  | 132,468,480 | 16,306         | 677                                    | 1.09                               |
| Petrolia.....  | 3,667           | 1,427              | 3,046                                 | 76,307   | 5,600,886   | 1,205          | 387                                    | 1.36                               |
| Pickering.....   | 1,908           | 565                | 1,518                                 | 53,478   | 4,052,640   | 527            | 641                                    | 1.32                               |
| †Pickle Lake Landing Townsite                          | \$300           | 125                | 333                                   | 8,372  | 578,785     | 86             | 561                                    | 1.45                               |
| Pictou.....  | 4,835           | 1,942              | 5,378                                 | 121,412  | 11,639,335  | 1,596          | 608                                    | 1.04                               |
| Plantagenet.....                                       | 860             | 243                | 763                                   | 26,597   | 1,755,199   | 221            | 662                                    | 1.52                               |
| Plattsville.....                                       | 524             | 212                | 1,023                                 | 18,061   | 1,493,017   | 202            | 616                                    | 1.21                               |
| Point Edward.....                                      | 2,833           | 898                | 7,081                                 | 47,405   | 3,573,695   | 791            | 376                                    | 1.33                               |
| Port Arthur.....                                       | 46,391          | 14,624             | <b>59,400</b>                         | 1,004,585  | 94,391,535  | 12,997         | 605                                    | 1.06                               |
| Port Burwell.....                                      | 669             | 458                | 331                                   | 24,840   | 1,044,763   | 428            | 203                                    | 2.38                               |
| †Port Carling.....                                     | x548            | 587                | 564                                   | 45,369   | 2,453,042   | 513            | 398                                    | 1.85                               |
| Port Colborne.....                                     | 17,831          | 5,528              | 14,576                                | 274,811  | 21,593,339  | 4,901          | 367                                    | 1.27                               |
| Port Credit.....                                       | 7,892           | 2,756              | 17,116                                | 181,917  | 17,425,377  | 2,567          | 566                                    | 1.04                               |
| Port Dover.....  | 3,213           | 1,533              | 2,967                                 | 77,364   | 5,530,317   | 1,410          | 327                                    | 1.40                               |
| Port Elgin.....  | 2,050           | 1,208              | 2,453                                 | 90,755   | 7,188,087   | 1,086          | 552                                    | 1.26                               |
| Port Hope.....   | 8,612           | 2,982              | 10,287                                | 221,765  | 20,297,157  | 2,789          | 606                                    | 1.09                               |
| Port McNicoll.....                                     | 1,212           | 583                | 1,902                                 | 31,351   | 2,855,090   | 573            | 415                                    | 1.10                               |
| Port Perry.....  | 2,623           | 1,007              | 2,743                                 | 80,211   | 7,408,213   | 944            | 654                                    | 1.08                               |
| Port Rowan.....  | 791             | 353                | 424                                   | 16,639   | 1,195,540   | 307            | 325                                    | 1.39                               |
| Port Stanley.....                                      | x1,419          | 1,169              | 1,298                                 | 64,870   | 4,282,182   | 1,114          | 320                                    | 1.51                               |
| †Powassan.....   | 1,080           | 399                | 978                                   | 33,824   | 2,492,069   | 319            | 651                                    | 1.36                               |
| Prescott.....  | 5,390           | 1,897              | 5,260                                 | 107,341  | 11,175,124  | 1,763          | 528                                    | 0.96                               |
| Preston.....   | 13,446          | 4,079              | 14,190                                | 279,612  | 24,818,522  | 3,792          | 545                                    | 1.13                               |
| Priceville.....  | 152             | 76                 | 78                                    | 4,171  | 226,690     | 69             | 274                                    | 1.84                               |
| Princeton.....   | 431             | 179                | 289                                   | 11,422   | 1,057,895   | 138            | 639                                    | 1.08                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |             |                |   |  |                                |
|---|-------------|----------------|--|-------------------------------|--------------------------|-------------|----------------|---|--|--------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh         |                | kw  | kwh                                    | ¢                              |
| 6,236   | 275,704     | 21             | 1,094                                  | 2.26                          | 6,252                    | 437,764     | 4              | 129   | 9,120                                  | 1.43                           |
| 53,778  | 3,737,160   | 145            | 2,148                                  | 1.44                          | 70,611                   | 6,510,559   | 47             | 2,446   | 11,544                                 | 1.08                           |
| 206,250   | 16,505,787  | 646            | 2,129                                  | 1.25                          | 368,636                  | 41,191,104  | 137            | 14,048  | 25,055                                 | 0.89                           |
| 9,157   | 593,769     | 19             | 2,604                                  | 1.54                          | 7,976                    | 603,060     | 6              | 201   | 8,376                                  | 1.32                           |
| 890,385   | 80,961,634  | 1,310          | 5,150                                  | 1.10                          | 2,354,106                | 293,526,710 | 321            | 62,684  | 76,201                                 | 0.80                           |
| 8,925,556   | 774,827,843 | 11,560         | 5,586                                  | 1.15                          | 532,677                  | 52,648,581  | 164            | 15,834  | 26,752                                 | 1.01                           |
| 6,053   | 337,885     | 30             | 939                                    | 1.79                          | 733                      | 18,760      | 4              | 35  | 391                                    | 3.90                           |
| 171,857   | 13,917,610  | 306            | 3,790                                  | 1.23                          | 196,267                  | 21,015,424  | 133            | 7,143   | 13,168                                 | 0.93                           |
| 10,893  | 641,953     | 67             | 798                                    | 1.70                          | 2,912                    | 204,920     | 8              | 80  | 2,135                                  | 1.42                           |
| 24,251  | 1,589,202   | 56             | 2,365                                  | 1.53                          | 11,794                   | 874,725     | 16             | 443   | 4,556                                  | 1.35                           |
| 60,750  | 4,304,809   | 240            | 1,495                                  | 1.41                          | 86,356                   | 9,383,299   | 46             | 3,291   | 16,999                                 | 0.92                           |
| 17,252  | 985,373     | 46             | 1,785                                  | 1.75                          | 20,127                   | 1,220,593   | 14             | 549   | 7,265                                  | 1.65                           |
| 88,866  | 6,027,386   | 192            | 2,616                                  | 1.47                          | 46,051                   | 3,966,319   | 31             | 1,233   | 10,662                                 | 1.16                           |
| 34,796  | 3,020,864   | 101            | 2,492                                  | 1.15                          | 37,404                   | 4,637,228   | 22             | 1,296   | 17,565                                 | 0.81                           |
| 66,880  | 5,391,685   | 139            | 3,232                                  | 1.24                          | 81,303                   | 8,086,993   | 34             | 2,809   | 19,821                                 | 1.01                           |
| 599,225   | 50,014,478  | 824            | 5,058                                  | 1.20                          | 901,673                  | 119,047,248 | 282            | 28,485  | 35,179                                 | 0.76                           |
| 57,979  | 3,263,228   | 188            | 1,446                                  | 1.78                          | 63,050                   | 3,149,702   | 34             | 1,527   | 7,720                                  | 2.00                           |
| 13,957  | 1,193,868   | 34             | 2,926                                  | 1.17                          | 6,205                    | 564,360     | 4              | 203   | 11,758                                 | 1.10                           |
| 10,060  | 604,024     | 38             | 1,325                                  | 1.67                          | 1,675                    | 167,664     | 1              | 25  | 13,972                                 | 1.00                           |
| 83,840  | 6,314,427   | 312            | 1,687                                  | 1.33                          | 38,471                   | 3,949,753   | 34             | 1,239   | 9,681                                  | 0.97                           |
| 10,257  | 534,417     | 20             | 2,227                                  | 1.92                          | 10,951                   | 610,530     | 2              | 245   | 25,439                                 | 1.79                           |
| 2,929   | 139,750     | 6              | 1,941                                  | 2.10                          | 25,509                   | 2,181,225   | 4              | 557   | 45,442                                 | 1.17                           |
| 59,016  | 4,391,860   | 89             | 4,112                                  | 1.34                          | 214,141                  | 24,289,835  | 18             | 6,100   | 112,453                                | 0.88                           |
| 729,589   | 64,596,042  | 1,570          | 3,429                                  | 1.13                          | 947,081                  | 108,163,794 | 57             | 31,315  | 158,134                                | 0.88                           |
| 6,125   | 331,554     | 27             | 1,023                                  | 1.85                          | 371                      | 7,890       | 3              | 22  | 219                                    | .....                          |
| 22,104  | 1,227,226   | 68             | 1,504                                  | 1.80                          | 1,201                    | 92,190      | 6              | 36  | 1,280                                  | 1.30                           |
| 181,154   | 10,688,889  | 512            | 1,740                                  | 1.69                          | 424,273                  | 55,277,652  | 115            | 11,031  | 40,056                                 | 0.77                           |
| 145,523   | 11,570,647  | 178            | 5,417                                  | 1.26                          | 525,981                  | 79,175,270  | 11             | 11,884  | 599,813                                | 0.66                           |
| 38,698  | 2,449,991   | 84             | 2,431                                  | 1.58                          | 58,556                   | 5,119,479   | 39             | 1,729   | 10,939                                 | 1.14                           |
| 36,620  | 2,227,755   | 106            | 1,751                                  | 1.64                          | 18,376                   | 1,281,368   | 16             | 455   | 6,674                                  | 1.43                           |
| 71,714  | 5,196,517   | 147            | 2,946                                  | 1.38                          | 195,901                  | 21,350,580  | 46             | 5,689   | 38,679                                 | 0.92                           |
| 3,410   | 233,370     | 8              | 2,431                                  | 1.46                          | 26,404                   | 1,624,450   | 2              | 894   | 67,685                                 | 1.63                           |
| 26,893  | 1,916,361   | 54             | 2,957                                  | 1.40                          | 4,872                    | 284,740     | 9              | 185   | 2,636                                  | 1.71                           |
| 7,565   | 405,316     | 42             | 804                                    | 1.87                          | 1,386                    | 61,375      | 4              | 41  | 1,279                                  | 2.26                           |
| 10,993  | 619,403     | 39             | 1,324                                  | 1.77                          | 8,259                    | 379,240     | 16             | 345   | 1,975                                  | 2.18                           |
| 18,719  | 1,193,747   | 76             | 1,309                                  | 1.57                          | 881                      | 32,229      | 4              | 24  | 671                                    | 2.73                           |
| 55,446  | 4,162,476   | 114            | 3,043                                  | 1.33                          | 59,570                   | 5,974,862   | 20             | 1,846   | 24,895                                 | 1.00                           |
| 79,595  | 5,445,258   | 159            | 2,854                                  | 1.46                          | 323,433                  | 30,968,169  | 128            | 10,423  | 20,162                                 | 1.04                           |
| 775   | 24,820      | 7              | 295                                    | 3.12                          | .....                    | .....       | .....          | .....   | .....                                  | .....                          |
| 7,091   | 432,871     | 38             | 949                                    | 1.64                          | 1,958                    | 70,295      | 3              | 77  | 1,953                                  | 2.79                           |

▲See Introduction page 213.



# CUSTOMERS, REVENUE, for the Year Ended

|                              | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|------------------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|                              |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |
|                              |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Queenston .....              | 567             | 184                | 503                                   | 15,024   | 1,579,206   | 179            | 735                                    | 0.95                               |
| Rainy River .....            | 1,127           | 425                | 980                                   | 36,691   | 2,401,170   | 391            | 512                                    | 1.53                               |
| †Red Lake Twp. ....          | 2,523           | 1,250              | 2,654                                 | 95,126   | 5,982,050   | 981            | 508                                    | 1.59                               |
| Red Rock .....               | 1,904           | 367                | 1,186                                 | 25,681   | 2,543,517   | 342            | 620                                    | 1.01                               |
| Renfrew .....                | 8,989           | 2,951              | 8,975                                 | 190,834  | 19,544,203  | 2,683          | 607                                    | 0.98                               |
| Richmond .....               | 1,309           | 402                | 1,373                                 | 33,137   | 3,255,860   | 384            | 707                                    | 1.02                               |
| Richmond Hill .....          | 19,175          | 5,411              | 17,424                                | 441,932  | 38,262,343  | 5,067          | 629                                    | 1.16                               |
| Ridgetown .....              | 2,721           | 1,126              | 2,477                                 | 52,256   | 3,750,409   | 934            | 335                                    | 1.39                               |
| Ripley .....                 | 412             | 219                | 543                                   | 14,272   | 1,266,480   | 196            | 538                                    | 1.13                               |
| Rockland .....               | 3,424           | 891                | 2,082                                 | 68,297   | 5,811,003   | 840            | 576                                    | 1.18                               |
| Rockwood .....               | 862             | 315                | 681                                   | 25,468   | 2,046,746   | 300            | 569                                    | 1.24                               |
| Rodney .....                 | 1,084           | 448                | 855                                   | 24,545   | 1,703,530   | 408            | 348                                    | 1.44                               |
| Rosseau .....                | 219             | 128                | 148                                   | 7,667  | 471,200     | 118            | 333                                    | 1.63                               |
| Russell .....                | 583             | 214                | 539                                   | 16,127   | 1,517,095   | 194            | 652                                    | 1.06                               |
| St. Catharines .....         | 95,303          | 29,291             | 129,800                               | 1,910,109  | 159,280,439 | 26,318         | 504                                    | 1.20                               |
| St. Clair Beach .....        | 1,734           | 499                | 1,105                                 | 44,482   | 3,259,774   | 485            | 560                                    | 1.36                               |
| St. George .....             | 858             | 311                | 718                                   | 16,789   | 1,690,280   | 284            | 496                                    | 0.99                               |
| St. Jacobs .....             | 859             | 284                | 667                                   | 20,550   | 1,801,835   | 231            | 650                                    | 1.14                               |
| St. Mary's .....             | 4,686           | 1,758              | 14,955                                | 126,624  | 10,943,716  | 1,617          | 564                                    | 1.16                               |
| St. Thomas .....             | 22,766          | 8,388              | 24,275                                | 577,752  | 46,748,597  | 7,855          | 496                                    | 1.24                               |
| Sandwich West Twp. ....      | 8,213           | 2,199              | 4,592                                 | 201,292  | 15,092,108  | 2,061          | 610                                    | 1.33                               |
| Sarnia .....                 | 53,260          | 16,234             | 50,778                                | 1,140,299  | 81,418,382  | 15,196         | 446                                    | 1.40                               |
| Scarborough Twp. ....        | 265,567         | 78,582             | 248,388                               | 6,310,772  | 547,662,293 | 74,148         | 616                                    | 1.15                               |
| Schreiber Twp. ....          | 2,225           | 680                | 1,906                                 | 52,371   | 5,596,674   | 623            | 749                                    | 0.94                               |
| Seaforth .....               | 2,192           | 921                | 2,243                                 | 53,684   | 4,754,120   | 819            | 484                                    | 1.13                               |
| Shelburne .....              | 1,328           | 618                | 1,457                                 | 38,841   | 3,441,470   | 557            | 515                                    | 1.13                               |
| Simcoe .....                 | 9,941           | 3,764              | 12,222                                | 175,806  | 18,468,074  | 3,390          | 454                                    | 0.95                               |
| Sioux Lookout .....          | 2,666           | 939                | 2,298                                 | 85,606   | 7,062,056   | 799            | 737                                    | 1.21                               |
| Smith's Falls .....          | 9,892           | 3,555              | 11,290                                | 262,345  | 22,713,923  | 3,296          | 574                                    | 1.15                               |
| Smithville .....             | \$900           | 399                | 846                                   | 19,179   | 1,452,196   | 299            | 405                                    | 1.32                               |
| Southampton .....            | 1,703           | 1,291              | 1,638                                 | 60,589   | 4,903,810   | 1,149          | 356                                    | 1.24                               |
| †South Porcupine Townsite .. | \$6,100         | 2,064              | 3,493                                 | 126,163  | 8,870,404   | 1,784          | 414                                    | 1.42                               |
| South River .....            | 958             | 336                | 687                                   | 27,653   | 1,675,756   | 311            | 449                                    | 1.65                               |
| Springfield .....            | 490             | 181                | 281                                   | 11,036   | 890,470     | 169            | 439                                    | 1.24                               |
| Stayner .....                | 1,672           | 709                | 1,738                                 | 44,442   | 3,979,000   | 636            | 521                                    | 1.12                               |
| Stirling .....               | 1,287           | 559                | 1,448                                 | 37,444   | 3,490,624   | 492            | 591                                    | 1.07                               |
| Stoney Creek .....           | 7,397           | 2,127              | 5,080                                 | 205,733  | 17,458,028  | 1,986          | 733                                    | 1.18                               |
| Stouffville .....            | 3,701           | 1,272              | 3,734                                 | 111,529  | 9,196,748   | 1,154          | 664                                    | 1.21                               |
| Stratford .....              | 22,791          | 7,657              | 28,655                                | 577,714  | 48,587,432  | 6,866          | 590                                    | 1.19                               |
| Strathroy .....              | 5,646           | 2,014              | 5,889                                 | 140,357  | 11,955,346  | 1,818          | 548                                    | 1.17                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

‡Estimated.

\*General rate in effect—statistics for Commercial and Industrial Power Service combined.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    | INDUSTRIAL POWER SERVICE |             |                |   |  |                                      |
|---|-------------|----------------|--|------------------------------------|--------------------------|-------------|----------------|---|--|--------------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh         |                | kwh                                    | ¢                                  | \$                       | kwh         |                | kw  | kwh                                    | ¢                                    |
| 5,092   | 415,552     | 5              | 6,926                                  | 1.23                               |                          |             |                |   |  |                                      |
| 12,712  | 774,296     | 31             | 2,081                                  | 1.64                               | 2,242                    | 188,070     | 3              | 57  | 5,224                                  | 1.19                                 |
| 78,151  | 5,214,234   | 260            | 1,671                                  | 1.50                               | 8,896                    | 319,230     | 9              | 249   | 2,956                                  | 2.79                                 |
| 14,321  | 1,477,130   | 24             | 5,129                                  | 0.97                               | 1,646                    | 200,000     | 1              | 56  | 16,667                                 | 0.82                                 |
| 81,245  | 6,748,643   | 205            | 2,743                                  | 1.20                               | 108,060                  | 11,497,911  | 63             | 3,819   | 15,209                                 | 0.94                                 |
| 20,478  | 1,507,724   | 18             | 6,980                                  | 1.36                               |                          |             |                |   |  |                                      |
| 168,505   | 13,206,493  | 247            | 4,456                                  | 1.28                               | 206,310                  | 19,478,611  | 97             | 6,131   | 16,734                                 | 1.06                                 |
| 32,664  | 1,919,700   | 163            | 981                                    | 1.70                               | 52,344                   | 3,681,727   | 29             | 1,479   | 10,580                                 | 1.42                                 |
| 5,120   | 294,020     | 17             | 1,441                                  | 1.74                               | 4,304                    | 245,325     | 6              | 136   | 3,407                                  | 1.75                                 |
| 16,668  | 1,074,310   | 46             | 1,946                                  | 1.55                               | 4,130                    | 349,590     | 5              | 118   | 5,827                                  | 1.18                                 |
| 3,960   | 257,490     | 14             | 1,533                                  | 1.54                               | 182                      | 28,350      | 1              | 3   | 2,363                                  | 0.64                                 |
| 12,564  | 845,895     | 32             | 2,203                                  | 1.49                               | 10,229                   | 527,600     | 8              | 316   | 5,496                                  | 1.94                                 |
| 2,271   | 122,410     | 10             | 1,020                                  | 1.86                               |                          |             |                |   |  |                                      |
| 4,189   | 294,868     | 17             | 1,445                                  | 1.42                               | 751                      | 64,500      | 3              | 25  | 1,792                                  | 1.16                                 |
| 1,153,831   | 86,469,996  | 2,697          | 2,672                                  | 1.33                               | 3,098,316                | 406,268,836 | 276            | 81,993  | 122,666                                | 0.76                                 |
| 4,202   | 242,362     | 9              | 2,244                                  | 1.73                               | 7,724                    | 550,120     | 5              | 212   | 9,169                                  | 1.40                                 |
| 7,455   | 565,025     | 22             | 2,140                                  | 1.32                               | 9,481                    | 693,610     | 5              | 277   | 11,560                                 | 1.37                                 |
| 12,789  | 831,573     | 44             | 1,575                                  | 1.54                               | 9,434                    | 443,875     | 9              | 355   | 4,110                                  | 2.13                                 |
| 34,973  | 2,405,474   | 94             | 2,133                                  | 1.45                               | 551,155                  | 85,910,891  | 47             | 13,122  | 152,324                                | 0.64                                 |
| 216,334   | 16,250,216  | 405            | 3,344                                  | 1.33                               | 503,563                  | 55,911,901  | 128            | 13,990  | 36,401                                 | 0.90                                 |
| 29,650  | 1,889,004   | 73             | 2,156                                  | 1.57                               | 10,193                   | 516,591     | 65             | 319   | 662                                    | 1.97                                 |
| 727,347   | 48,191,702  | 894            | 4,492                                  | 1.51                               | 936,503                  | 123,828,680 | 144            | 27,426  | 71,660                                 | 0.76                                 |
| 3,144,332   | 260,467,702 | 3,798          | 5,715                                  | 1.21                               | 2,725,952                | 284,732,018 | 636            | 74,925  | 37,308                                 | 0.96                                 |
| 28,851  | 2,302,026   | 56             | 3,426                                  | 1.25                               | 3,644                    | 375,600     | 1              | 104   | 31,300                                 | 0.97                                 |
| 31,830  | 2,310,199   | 79             | 2,437                                  | 1.38                               | 24,411                   | 1,750,134   | 23             | 836   | 6,341                                  | 1.39                                 |
| 18,177  | 1,397,420   | 47             | 2,478                                  | 1.30                               | 7,905                    | 417,520     | 14             | 324   | 2,485                                  | 1.89                                 |
| 144,626   | 11,964,432  | 307            | 3,248                                  | 1.21                               | 228,628                  | 27,923,517  | 67             | 6,918   | 34,731                                 | 0.82                                 |
| 51,880  | 2,921,865   | 132            | 1,845                                  | 1.78                               | 13,241                   | 1,247,593   | 8              | 270   | 12,996                                 | 1.06                                 |
| 141,375   | 11,963,206  | 232            | 4,297                                  | 1.18                               | 117,641                  | 13,988,085  | 27             | 3,453   | 43,173                                 | 0.84                                 |
| 15,412  | 796,387     | 86             | 772                                    | 1.94                               | 14,693                   | 849,953     | 14             | 449   | 5,059                                  | 1.73                                 |
| 25,824  | 1,441,500   | 124            | 969                                    | 1.79                               | 22,992                   | 1,691,150   | 18             | 646   | 7,829                                  | 1.36                                 |
| 61,235  | 3,688,107   | 273            | 1,126                                  | 1.66                               | 3,242                    | 217,306     | 7              | 100   | 2,587                                  | 1.49                                 |
| 9,285   | 490,282     | 21             | 1,946                                  | 1.89                               | 5,404                    | 334,805     | 4              | 100   | 6,975                                  | 1.61                                 |
| 2,116   | 157,840     | 8              | 1,644                                  | 1.34                               | 1,800                    | 55,765      | 4              | 87  | 1,162                                  | 3.22                                 |
| 14,272  | 960,675     | 51             | 1,570                                  | 1.49                               | 15,666                   | 1,596,095   | 22             | 465   | 6,046                                  | 0.98                                 |
| 15,203  | 1,007,513   | 54             | 1,555                                  | 1.51                               | 10,220                   | 843,910     | 13             | 362   | 5,410                                  | 1.21                                 |
| 66,230  | 4,730,464   | 110            | 3,584                                  | 1.40                               | 13,886                   | 1,043,264   | 31             | 453   | 2,804                                  | 1.33                                 |
| 47,424  | 3,131,920   | 103            | 2,534                                  | 1.51                               | 16,340                   | 881,471     | 15             | 547   | 4,897                                  | 1.85                                 |
| *845,734  | *80,662,968 | *791           | *8,498                                 | *1.05                              | *                        | *           | *              | *   | *                                      | *                                    |
| 67,121  | 4,513,939   | 142            | 2,649                                  | 1.49                               | 120,325                  | 10,456,590  | 54             | 3,419   | 16,137                                 | 1.15                                 |

▲ See Introduction page 213.

# CUSTOMERS, REVENUE, for the Year Ended

|   | Popu-<br>lation | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|---|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|   |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh |
|   |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Streetsville.....                       | 5,867           | 1,568              | 5,239                                 | 117,577  | 9,610,132   | 1,365          | 587                                    | 1.22                               |
| Sturgeon Falls.....                     | 6,289           | 1,737              | 4,659                                 | 140,034  | 10,988,850  | 1,610          | 569                                    | 1.27                               |
| Sudbury.....                            | 82,339          | 25,538             | 60,929                                | 1,817,668  | 176,869,733 | 22,908         | 643                                    | 1.03                               |
| Sunderland.....                         | 622             | 277                | 576                                   | 16,528   | 1,616,020   | 252            | 534                                    | 1.02                               |
| Sundridge.....                          | 786             | 339                | 872                                   | 22,695   | 1,974,917   | 304            | 541                                    | 1.15                               |
| Sutton.....                             | x1,454          | 935                | 1,748                                 | 62,199   | 4,641,899   | 840            | 461                                    | 1.34                               |
| Swansea.....                            | 9,409           | 3,613              | 7,735                                 | 263,532  | 24,882,442  | 3,449          | 601                                    | 1.06                               |
| Tara.....                               | 525             | 273                | 931                                   | 16,643   | 1,583,760   | 246            | 537                                    | 1.05                               |
| Tavistock.....                          | 1,261           | 535                | 1,326                                 | 40,545   | 3,638,391   | 496            | 611                                    | 1.11                               |
| Tecumseh.....                           | 4,730           | 1,416              | 2,691                                 | 95,692   | 6,326,127   | 1,343          | 393                                    | 1.51                               |
| Teeswater.....                          | 909             | 393                | 1,247                                 | 23,459   | 2,195,860   | 350            | 523                                    | 1.07                               |
| Terrace Bay Twp.....                    | 1,877           | 462                | 1,770                                 | 46,940   | 5,507,604   | 411            | 1,117                                  | 0.85                               |
| Thamesford.....                         | 1,395           | 448                | 1,459                                 | 41,842   | 3,454,442   | 414            | 695                                    | 1.21                               |
| Thamesville.....                        | 1,013           | 440                | 1,100                                 | 22,640   | 1,850,830   | 392            | 393                                    | 1.22                               |
| Thedford.....                           | 685             | 307                | 730                                   | 21,097   | 1,785,577   | 276            | 539                                    | 1.18                               |
| Thessalon.....                          | 1,651           | 526                | 1,224                                 | 44,920   | 3,063,191   | 479            | 533                                    | 1.47                               |
| Thornbury.....                          | 1,204           | 586                | 1,467                                 | 32,332   | 2,559,130   | 484            | 441                                    | 1.26                               |
| Thorndale.....                          | 405             | 139                | 284                                   | 11,730   | 911,820     | 131            | 580                                    | 1.29                               |
| †Thornloe.....                          | 153             | 33                 | 60                                    | 3,100  | 224,669     | 26             | 720                                    | 1.38                               |
| Thornton.....                           | 316             | 108                | 201                                   | 7,688  | 637,660     | 97             | 548                                    | 1.21                               |
| Thorold.....                            | 8,820           | 2,562              | 7,421                                 | 195,069  | 12,430,214  | 2,297          | 451                                    | 1.57                               |
| Tilbury.....                            | 3,370           | 1,115              | 2,689                                 | 55,115   | 4,032,280   | 1,010          | 333                                    | 1.37                               |
| Tillsonburg.....                        | 6,587           | 2,673              | 8,315                                 | 154,736  | 12,878,839  | 2,335          | 460                                    | 1.20                               |
| †Timmins (including<br>Schumacher)..... | \$33,000        | 10,062             | 20,185                                | 677,838  | 49,060,660  | 8,751          | 467                                    | 1.38                               |
| Toronto (including Leaside).....        | 667,280         | 217,365            | 751,434                               | 12,470,067   | 981,656,661 | 185,272        | 442                                    | 1.27                               |
| Toronto Twp.....                        | 93,462          | 27,019             | 133,933                               | 2,547,189  | 216,876,736 | 25,711         | 703                                    | 1.17                               |
| Tottenham.....                          | 783             | 283                | 569                                   | 18,888   | 1,785,770   | 255            | 584                                    | 1.06                               |
| Trenton.....                            | 13,807          | 4,673              | 18,746                                | 272,209  | 29,178,066  | 4,286          | 567                                    | 0.93                               |
| Tweed.....                              | 1,657           | 680                | 1,866                                 | 43,051   | 4,381,386   | 598            | 611                                    | 0.98                               |
| Uxbridge.....                           | 2,597           | 963                | 3,530                                 | 65,483   | 6,539,815   | 873            | 624                                    | 1.00                               |
| Vankleek Hill.....                      | 1,691           | 578                | 1,224                                 | 30,685   | 2,807,426   | 523            | 447                                    | 1.09                               |
| Victoria Harbour.....                   | 1,031           | 535                | 779                                   | 27,778   | 2,098,890   | 521            | 336                                    | 1.32                               |
| Walkerton.....                          | 4,152           | 1,498              | 5,403                                 | 105,405  | 10,081,158  | 1,365          | 615                                    | 1.05                               |
| Wallaceburg.....                        | 10,746          | 3,625              | 16,230                                | 147,425  | 13,146,414  | 3,185          | 344                                    | 1.12                               |
| Wardsville.....                         | 308             | 157                | 286                                   | 6,855  | 577,660     | 122            | 395                                    | 1.19                               |
| Warkworth.....                          | 522             | 246                | 415                                   | 15,650   | 1,164,623   | 230            | 422                                    | 1.34                               |
| Wasaga Beach.....                       | x1,021          | 981                | 542                                   | 35,280   | 1,833,770   | 781            | 196                                    | 1.92                               |
| Waterdown.....                          | 1,998           | 621                | 1,780                                 | 50,024   | 4,422,650   | 545            | 676                                    | 1.13                               |
| Waterford.....                          | 2,460           | 885                | 1,990                                 | 57,746   | 3,999,301   | 834            | 400                                    | 1.44                               |
| Waterloo.....                           | 29,770          | 8,292              | 35,249                                | 675,939  | 62,295,164  | 7,385          | 703                                    | 1.09                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                               | INDUSTRIAL POWER SERVICE |               |                |   |  |                                 |
|---|-------------|----------------|--|-------------------------------|--------------------------|---------------|----------------|---|--|---------------------------------|
| Revenue   | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh | Revenue                  | Consumption   | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Average<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh         |                | kwh                                    | ¢                             | \$                       | kwh           |                | kw  | kwh                                    | ¢                               |
| 68,002  | 4,716,040   | 179            | 2,196                                  | 1.44                          | 61,252                   | 6,310,766     | 24             | 1,669   | 21,912                                 | 0.97                            |
| 72,458  | 4,908,949   | 109            | 3,753                                  | 1.48                          | 8,987                    | 850,716       | 18             | 231   | 3,939                                  | 1.06                            |
| 1,043,875   | 80,637,979  | 2,329          | 2,885                                  | 1.29                          | 255,895                  | 20,103,278    | 301            | 7,963   | 5,566                                  | 1.27                            |
| 5,918   | 377,471     | 20             | 1,573                                  | 1.57                          | 4,241                    | 290,907       | 5              | 142   | 4,848                                  | 1.46                            |
| 13,116  | 899,387     | 30             | 2,498                                  | 1.46                          | 2,453                    | 119,590       | 5              | 85  | 1,993                                  | 2.05                            |
| 36,364  | 2,374,044   | 89             | 2,223                                  | 1.53                          | 6,360                    | 389,655       | 6              | 165   | 5,412                                  | 1.63                            |
| 102,519   | 7,607,729   | 146            | 4,342                                  | 1.35                          | 107,325                  | 12,662,331    | 18             | 2,691   | 58,622                                 | 0.85                            |
| 6,693   | 478,830     | 19             | 2,100                                  | 1.40                          | 11,897                   | 1,427,640     | 8              | 266   | 14,871                                 | 0.83                            |
| 9,304   | 679,178     | 26             | 2,177                                  | 1.37                          | 14,259                   | 849,880       | 13             | 446   | 5,448                                  | 1.68                            |
| 26,890  | 1,627,510   | 57             | 2,379                                  | 1.65                          | 37,725                   | 3,527,248     | 16             | 975   | 18,371                                 | 1.07                            |
| 9,284   | 640,525     | 33             | 1,617                                  | 1.45                          | 20,586                   | 1,668,650     | 10             | 607   | 13,905                                 | 1.23                            |
| 29,693  | 2,442,992   | 49             | 4,155                                  | 1.22                          | 5,826                    | 666,000       | 2              | 149   | 27,750                                 | 0.87                            |
| 7,879   | 532,000     | 28             | 1,583                                  | 1.48                          | 19,012                   | 1,717,880     | 6              | 423   | 23,859                                 | 1.11                            |
| 9,900   | 705,478     | 31             | 1,896                                  | 1.40                          | 22,522                   | 1,165,270     | 17             | 816   | 5,712                                  | 1.93                            |
| 5,778   | 339,086     | 23             | 1,229                                  | 1.70                          | 6,038                    | 426,085       | 8              | 177   | 4,438                                  | 1.42                            |
| 22,425  | 1,293,863   | 40             | 2,696                                  | 1.73                          | 7,861                    | 505,280       | 7              | 170   | 6,015                                  | 1.56                            |
| 16,143  | 1,072,865   | 85             | 1,052                                  | 1.50                          | 33,415                   | 2,190,185     | 17             | 1,097   | 10,736                                 | 1.53                            |
| 1,031   | 69,300      | 5              | 1,155                                  | 1.49                          | 2,257                    | 89,700        | 3              | 87  | 2,492                                  | 2.52                            |
| 1,432   | 89,128      | 7              | 1,061                                  | 1.61                          |                          |               |                |   |  |                                 |
| 1,482   | 63,170      | 11             | 479                                    | 2.35                          |                          |               |                |   |  |                                 |
| 81,476  | 4,590,718   | 225            | 1,700                                  | 1.77                          | 423,187                  | 57,933,527    | 40             | 10,096  | 120,695                                | 0.73                            |
| 40,149  | 2,697,770   | 84             | 2,676                                  | 1.49                          | 50,242                   | 2,957,150     | 21             | 1,717   | 11,735                                 | 1.70                            |
| 148,465   | 10,823,182  | 289            | 3,121                                  | 1.37                          | 122,549                  | 11,360,368    | 49             | 3,423   | 19,320                                 | 1.08                            |
| 429,712   | 27,441,980  | 1,280          | 1,787                                  | 1.57                          | 27,854                   | 1,363,633     | 31             | 823   | 3,666                                  | 2.04                            |
| 10,122,129  | 732,322,245 | 24,694         | 2,471                                  | 1.38                          | 21,551,906               | 2,374,460,079 | 7,399          | 530,756   | 26,743                                 | 0.91                            |
| 1,091,441   | 84,987,057  | 965            | 7,339                                  | 1.28                          | 2,928,083                | 340,913,788   | 343            | 68,766  | 82,826                                 | 0.86                            |
| 4,315   | 243,360     | 21             | 986                                    | 1.73                          | 2,135                    | 158,710       | 7              | 70  | 1,889                                  | 1.35                            |
| 157,095   | 13,452,632  | 349            | 3,212                                  | 1.17                          | 427,123                  | 60,871,987    | 38             | 11,944  | 133,491                                | 0.70                            |
| 22,628  | 1,834,400   | 66             | 2,316                                  | 1.23                          | 16,476                   | 1,156,868     | 16             | 625   | 6,025                                  | 1.42                            |
| 35,892  | 2,581,123   | 66             | 3,259                                  | 1.39                          | 39,494                   | 3,178,132     | 24             | 1,243   | 11,035                                 | 1.24                            |
| 14,250  | 1,167,764   | 48             | 2,027                                  | 1.22                          | 4,440                    | 200,150       | 7              | 212   | 2,383                                  | 2.22                            |
| 8,635   | 507,670     | 11             | 3,846                                  | 1.70                          | 927                      | 53,900        | 3              | 27  | 1,497                                  | 1.72                            |
| 53,450  | 4,020,607   | 111            | 3,018                                  | 1.33                          | 69,381                   | 7,385,007     | 22             | 2,006   | 27,974                                 | 0.94                            |
| 102,046   | 8,327,099   | 329            | 2,109                                  | 1.23                          | 454,252                  | 56,262,620    | 111            | 13,827  | 42,239                                 | 0.81                            |
| 5,153   | 256,940     | 35             | 612                                    | 2.01                          |                          |               |                |   |  |                                 |
| 3,777   | 235,364     | 16             | 1,226                                  | 1.60                          |                          |               |                |   |  |                                 |
| 34,360  | 1,641,170   | 199            | 687                                    | 2.09                          | 246                      | 6,800         | 1              | 8   | 567                                    | 3.62                            |
| 25,770  | 1,811,600   | 57             | 2,649                                  | 1.42                          | 5,680                    | 357,095       | 19             | 202   | 1,566                                  | 1.59                            |
| 22,915  | 1,419,310   | 35             | 3,379                                  | 1.61                          | 30,644                   | 1,862,670     | 16             | 869   | 9,701                                  | 1.65                            |
| 525,428   | 40,967,751  | 811            | 4,210                                  | 1.28                          | 595,742                  | 62,112,890    | 96             | 14,076  | 53,917                                 | 0.96                            |

▲See Introduction page 213.



# CUSTOMERS, REVENUE, for the Year Ended

|                      | Popula-<br>tion | Total<br>Customers | Peak<br>Load<br>Decem-<br>ber<br>1966 | RESIDENTIAL SERVICE<br>(including flat-rate water-heaters) |             |                |  |                                    |
|----------------------|-----------------|--------------------|---------------------------------------|--|-------------|----------------|--|------------------------------------|
|                      |                 |                    |                                       | Revenue  | Consumption | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Ave-<br>rage<br>Cost<br>per<br>Kwh |
|                      |                 |                    | kw                                    | \$   | kwh         |                | kwh                                    | ¢                                  |
| Watford.....         | 1,252           | 554                | 1,915                                 | 34,955   | 3,143,400   | 496            | 528                                    | 1.11                               |
| Waubausheue.....     | \$1,500         | 475                | 489                                   | 19,304   | 1,360,320   | 454            | 250                                    | 1.42                               |
| Webbwood.....        | 550             | 148                | 247                                   | 13,858   | 750,835     | 136            | 460                                    | 1.85                               |
| Welland.....         | 39,014          | 11,659             | 37,310                                | 657,252  | 47,131,115  | 10,933         | 359                                    | 1.39                               |
| Wellesley.....       | 719             | 313                | 668                                   | 21,800   | 1,711,710   | 291            | 490                                    | 1.27                               |
| Wellington.....      | 970             | 471                | 754                                   | 28,647   | 2,265,121   | 440            | 429                                    | 1.26                               |
| West Ferris Twp..... | 6,567           | 2,242              | 6,765                                 | 190,741  | 14,459,489  | 2,088          | 577                                    | 1.32                               |
| West Lorne.....      | 1,028           | 458                | 1,462                                 | 25,100   | 1,952,966   | 413            | 394                                    | 1.29                               |
| Weston.....          | 10,914          | 3,944              | 13,669                                | 276,072  | 24,672,222  | 3,564          | 577                                    | 1.12                               |
| Westport.....        | 619             | 303                | 586                                   | 17,093   | 1,579,310   | 272            | 484                                    | 1.08                               |
| Wheatley.....        | 1,478           | 560                | 1,096                                 | 29,352   | 2,140,088   | 457            | 390                                    | 1.37                               |
| Whitby.....          | 15,061          | 4,365              | 17,849                                | 333,014  | 31,654,617  | 3,981          | 663                                    | 1.05                               |
| †White River.....    | 920             | 369                | 961                                   | 42,149   | 1,786,426   | 288            | 517                                    | 2.36                               |
| Wiarton.....         | 1,933           | 826                | 1,873                                 | 55,546   | 4,844,808   | 740            | 546                                    | 1.15                               |
| Widdifield Twp.....  | 12,856          | 3,770              | 12,441                                | 329,217  | 23,347,597  | 3,563          | 546                                    | 1.41                               |
| Williamsburg.....    | 322             | 145                | 370                                   | 8,005  | 726,420     | 124            | 488                                    | 1.10                               |
| Winchester.....      | 1,434           | 579                | 2,017                                 | 41,026   | 3,859,724   | 525            | 613                                    | 1.06                               |
| Windermere.....      | x111            | 142                | 175                                   | 7,564  | 495,302     | 131            | 315                                    | 1.53                               |
| Windsor.....         | 187,418         | 59,263             | 175,780                               | 3,340,774  | 262,924,431 | 52,987         | 414                                    | 1.27                               |
| Wingham.....         | 2,915           | 1,172              | 3,543                                 | 79,515   | 8,488,800   | 1,050          | 674                                    | 0.94                               |
| Woodbridge.....      | 2,344           | 798                | 2,703                                 | 64,505   | 6,288,384   | 735            | 713                                    | 1.03                               |
| Woodstock.....       | 23,828          | 7,977              | 30,778                                | 629,797  | 55,952,484  | 7,329          | 636                                    | 1.13                               |
| Woodville.....       | 438             | 200                | 285                                   | 11,143   | 934,270     | 180            | 433                                    | 1.19                               |
| Wyoming.....         | 971             | 401                | 959                                   | 17,775   | 1,559,902   | 357            | 364                                    | 1.14                               |
| York Twp.....        | 127,460         | 41,630             | 85,564                                | 2,331,746  | 226,770,649 | 39,599         | 477                                    | 1.03                               |
| Zurich.....          | 727             | 317                | 624                                   | 22,071   | 1,673,880   | 255            | 547                                    | 1.32                               |

†Retail service provided by The Hydro-Electric Power Commission of Ontario.

§Estimated.

xExcluding summer population.

\*General rate in effect—statistics for Commercial and Industrial Power Service combined.

## AND CONSUMPTION

December 31, 1966

| COMMERCIAL SERVICE<br>(including flat-rate water-heaters) |              |                |  |                                    | INDUSTRIAL POWER SERVICE |             |                |   |  |                                      |
|---|--------------|----------------|--|------------------------------------|--------------------------|-------------|----------------|---|--|--------------------------------------|
| Revenue   | Consumption  | Cus-<br>tomers | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh | Revenue                  | Consumption | Cus-<br>tomers | Average of<br>Customers'<br>Monthly<br>Loads Billed | Monthly<br>Consumption<br>per Customer | Av-<br>erage<br>Cost<br>per<br>Kwh ▲ |
| \$  | kwh          |                | kwh                                    | ¢                                  | \$                       | kwh         |                | kw  | kwh                                    | ¢                                    |
| 17,070  | 1,045,746    | 45             | 1,937                                  | 1.63                               | 46,690                   | 4,246,451   | 13             | 1,295   | 27,221                                 | 1.10                                 |
| 5,461   | 311,720      | 18             | 1,443                                  | 1.75                               | 1,060                    | 62,500      | 3              | 36  | 1,736                                  | 1.70                                 |
| 3,139   | 126,348      | 11             | 957                                    | 2.48                               | 457                      | 45,620      | 1              | 9   | 3,802                                  | 1.00                                 |
| 423,022   | 31,250,569   | 632            | 4,121                                  | 1.35                               | 899,490                  | 99,023,756  | 94             | 25,398  | 87,787                                 | 0.91                                 |
| 4,614   | 293,146      | 19             | 1,286                                  | 1.57                               | 2,259                    | 107,710     | 3              | 76  | 2,992                                  | 2.10                                 |
| 6,111   | 329,878      | 18             | 1,527                                  | 1.85                               | 9,071                    | 560,334     | 13             | 242   | 3,592                                  | 1.62                                 |
| 95,411  | 6,790,054    | 139            | 4,071                                  | 1.41                               | 61,253                   | 7,508,063   | 15             | 1,423   | 41,711                                 | 0.82                                 |
| 10,413  | 581,808      | 33             | 1,469                                  | 1.78                               | 43,235                   | 3,328,670   | 12             | 1,096   | 23,116                                 | 1.30                                 |
| 286,576   | 24,135,869   | 339            | 5,933                                  | 1.19                               | 203,086                  | 20,329,580  | 41             | 5,373   | 41,320                                 | 1.00                                 |
| 10,268  | 741,810      | 29             | 2,132                                  | 1.38                               | 318                      | 7,955       | 2              | 21  | 331                                    | 4.00                                 |
| 20,219  | 995,745      | 87             | 954                                    | 2.03                               | 18,296                   | 908,715     | 16             | 522   | 4,733                                  | 2.01                                 |
| 154,304   | 11,779,265   | 341            | 2,878                                  | 1.31                               | 346,987                  | 44,744,486  | 43             | 9,786   | 86,714                                 | 0.78                                 |
| 40,839  | 1,960,168    | 80             | 2,042                                  | 2.08                               | 5,866                    | 361,210     | 1              | 64  | 30,101                                 | 1.62                                 |
| 25,961  | 1,804,656    | 68             | 2,212                                  | 1.44                               | 12,633                   | 970,566     | 18             | 379   | 4,493                                  | 1.30                                 |
| 167,046   | 12,474,156   | 178            | 5,840                                  | 1.34                               | 183,325                  | 16,876,069  | 29             | 5,116   | 48,494                                 | 1.09                                 |
| 6,570   | 439,681      | 20             | 1,832                                  | 1.49                               | 251                      | 19,880      | 1              | 6   | 1,657                                  | 1.26                                 |
| 19,943  | 1,671,004    | 46             | 3,027                                  | 1.19                               | 24,281                   | 2,927,201   | 8              | 687   | 30,492                                 | 0.83                                 |
| 4,381   | 276,548      | 11             | 2,095                                  | 1.58                               |                          |             |                |   |  |                                      |
| *5,277,649  | *553,133,251 | *6,276         | *7,345                                 | *0.95                              |                          |             |                |   |  |                                      |
| 38,649  | 2,969,475    | 88             | 2,812                                  | 1.30                               | 51,745                   | 4,835,966   | 34             | 1,583   | 11,853                                 | 1.07                                 |
| 21,192  | 1,526,086    | 51             | 2,494                                  | 1.39                               | 39,797                   | 4,248,309   | 12             | 1,058   | 29,502                                 | 0.94                                 |
| 262,188   | 18,963,454   | 499            | 3,167                                  | 1.38                               | 605,543                  | 64,979,920  | 149            | 16,999  | 36,342                                 | 0.93                                 |
| 3,453   | 200,829      | 17             | 984                                    | 1.72                               | 1,360                    | 50,380      | 3              | 50  | 1,399                                  | 2.70                                 |
| 9,863   | 681,420      | 36             | 1,577                                  | 1.45                               | 4,973                    | 288,270     | 8              | 205   | 3,003                                  | 1.73                                 |
| 1,194,310   | 102,414,382  | 1,859          | 4,591                                  | 1.17                               | 880,537                  | 104,973,092 | 172            | 25,402  | 50,859                                 | 0.84                                 |
| 11,428  | 511,636      | 57             | 748                                    | 2.23                               | 2,536                    | 152,260     | 5              | 59  | 2,538                                  | 1.67                                 |

## NOTE

December Peak Loads—When figure is shown in bold face type, local generation and/or local purchases have been included in addition to the load supplied by Ontario Hydro.

▲See Introduction page 213.

## LIST OF ABBREVIATIONS

|   |  |
|---|--|
| A.M.E.U.—Association of Municipal<br>Electrical Utilities | kw —kilowatt(s)                                    |
| bhp —brake horsepower                                     | kwh —kilowatt-hour(s)                              |
| cfs —cubic feet per second                                | M.E.U. —Municipal Electrical Utilities             |
| C.L.C. —Canadian Labour Congress                          | min —minimum                                       |
| ehv —extra-high-voltage                                   | —minute (20-min)                                   |
| G.S. —Generating Station                                  | mw —megawatt                                       |
| hp —horsepower  | O.M.E.A.—Ontario Municipal Electric<br>Association |
| Jct. —Junction  | rpm —revolutions per minute                        |
| kv —kilovolt(s)   | S.S. —Switching Station                            |
| kva —kilovolt-ampere(s)                                   | T.S. —Transformer Station                          |
| kvar —kilovar(s)  | Twp. —Township                                     |

## INDEX

In the index, all page references to tables, or graphs are in italic type. No references are given for the alphabetically arranged listings of municipalities either in the Commission's financial statements or in Statements "A", "B", "C" and "D".

|   |   |
|---|---|
| A. W. Manby T.S. and Service Centre,<br>—see Manby A.W., T.S.               | Amortization of frequency<br>standardization cost . . . . . 25                |
| Abitibi Canyon Colony . . . . . 55, 69                                      | Analogue computer . . . . . 87, 88  |
| —Canyon G.S. . . . . 15, 69, 102  | Analytical studies . . . . . 87   |
| —Paper Co. Ltd. . . . . 103   | Annealing . . . . . 90  |
| —River . . . . . 13, 69, 74, 78, 87   | Annexation of rural areas by<br>municipalities . . . . . 44                   |
| Abrasives industry . . . . . 44   | Annual meeting of O.M.E.A. . . . . 26   |
| Accident prevention . . . . . 97  | —summary . . . . . 4, 5   |
| Accidents, fatal, number of attributed<br>to electrical causes . . . . . 47 | Antifreeze . . . . . 93   |
| Accounting System of Municipal<br>Electrical Utilities . . . . . 160        | Apartment buildings electrically<br>heated . . . . . 39, 49                   |
| Acid cleaning . . . . . 15  | Aqueous corrosion tests . . . . . 84  |
| Adam Creek . . . . . 72   | Arnprior . . . . . 68, 77   |
| Adjustments to residential seasonal rates . 46                              | Assessment to 60-cycle customers . . . . 25                                   |
| Administration . . . . . 94   | Assets of the Commission, see also<br>Financial Statements . . . . . 4, 5, 28 |
| Adoption of net rates for rural billing . . 46                              | —fixed, of the Commission . . . . . 4, 5, 24, 34                              |
| Advances from the Province . . . . . 117                                    | —fixed, of the M.E.U. . . . . 158, 162-211                                    |
| —in technology . . . . . 82, 94, 95   | —of the M.E.U. . . . . 158  |
| Advertising . . . . . 37  | Assistance for rural construction . . . . 4, 29                               |
| Advisory commissions . . . . . 1  | Association of Municipal Electrical<br>Utilities . . . . . v, vi, 41          |
| Aerial bucket device . . . . . 19   | Atmospheric-corrosion tests . . . . . 84                                      |
| Agricultural extension engineers . . . . 40                                 | Atomic Energy Control Board . . . . . 63                                      |
| Aguasabon G.S. . . . . 15, 103, 110   | —Energy of Canada<br>Limited . . . . . v, 63                                  |
| Aids in design . . . . . 82   | Aubrey Falls . . . . . 5  |
| —to station construction . . . . . 85                                       | G.S. . . . . 54, 58, 59, 65, 98, 102, 110                                     |
| —to system operation . . . . . 87   | Audit of municipal utilities accounts . . 160                                 |
| Air conditioning . . . . . 55   | Automated generating units . . . . . 94                                       |
| —pollution . . . . . v, 93  | Automation . . . . . 97   |
| —pollution control . . . . . v, 47  | Automotive Products Agreement,<br>Canada-United States . . . . . 48           |
| Aladdin, Operation . . . . . 40   | Autotransformers at Hanmer T.S. . . . . 74                                    |
| Alarm systems . . . . . 15  | Average consumption per customer,<br>see Consumption                          |
| Alexander G.S. . . . . 103  | Ayr . . . . . 48  |
| Algoma District . . . . . 2   |   |
| All-electric rates . . . . . 146  |   |
| —subdivisions . . . . . 41, 52  |   |
| Allied Construction Council . . . . . 96                                    |   |
| Alliston . . . . . 51   |   |
| Allocating cost of primary power . . . . v, 42                              |   |
| Allocation of costs . . . . . v, 26   |   |
| Amalgamation of Metropolitan Toronto<br>municipalities . . . . . 41         |   |
| A.M.E.U., see Association of Municipal<br>Electrical Utilities              |   |
| Anherstburg . . . . . 48  |   |

## B

|  |
|--|
| Balance sheet, Commission . . . . . 28, 29 |
| —sheets, municipal . . . . . 162, 211      |
| Balfour Junction . . . . . 81              |

Bare-hand work..... 17  
 Bargaining..... 96  
 Barrett Chute G.S..... 6, 58, 65, 66, 67,  
     68, 102  
 Barrie..... 79  
 Base-metal mining..... 52  
 Beauharnois G.S..... 12  
 Beck, Sir Adam,-Niagara Generating  
     Stations..... 15  
 —Sir Adam,-Niagara G.S. No. 1. 16, 102, 110  
 —Sir Adam,-Niagara G.S. No. 2. 87, 102, 110  
     Pumping-Generating Station... 102, 110  
 Behaviour of foundation soils..... 85  
 Bell Jet Ranger..... 19  
 Belle River..... 48  
 Belleville..... 40, 51  
 Benefits of diversity..... 26  
 Big Chute G.S..... 102  
 Big Eddy G.S..... 102  
 Billing procedure changes..... 42  
 Bingham Chute G.S..... 102  
 Bitumen on roofs..... 84  
 Blackfly control..... 92, 93  
 Blading damage..... 15  
 —modification..... 8, 61  
 Blind River..... 57  
 Bobcaygeon..... 51  
 Bonds issued by the Commission..... 24, 117  
 Books of Account, municipal  
     electrical utilities..... 160  
 Boom on Niagara River..... 13  
 Bowmanville..... 55  
 Bradford..... 51  
 Brantford..... 40  
 Brittle fracture..... 87  
 Buchanan, E. V., T.S..... 75  
 Burlington..... 48

## C

Cable car, power operated..... 17  
 —oil-filled pipe..... 82  
 —oil-insulated..... 83  
 —paper-insulated..... 83  
 Calabogie G.S..... 66, 67, 102  
 Calibration of pollution measuring  
     instruments..... 93  
 Cameron Falls G.S..... 93, 110  
 Canada..... 46, 55  
 —United States Automotive Products  
     Agreement..... 48  
 Canadian Electrical Association..... 40, 47  
 —Electrical Code..... 46  
 —Niagara Power Company..... 103  
 —Standards Association..... 46  
     Testing Laboratories..... 46  
 —Union of Operating Engineers..... 96  
 —Westinghouse Company Limited..... 74  
 CANDU, see Douglas Point Nuclear  
     Power Station  
 Capacity, current carrying of cables..... 83  
 —dependable, of hydraulic resources..... 8  
 —dependable peak..... iv, 3, 4, 5, 8, 102-105  
     increase..... 9  
     sources of purchased power..... 103  
 —of Commission resources..... 102, 103, 104  
 —of generating resources..... 102, 103  
 —scheduled for service in 1967..... iv

Capital construction program..... 58, 59  
 —investment, see Assets, fixed of the  
     Commission, and M.E.U.  
 —net of the Commission..... 24, 29  
     see also Financial Statements  
 Carbon dioxide in well water..... 91  
 Career planning..... 94  
 Caribou Falls G.S..... 103, 110  
 Cascade water heaters..... 38  
 Ceiling cable..... 91  
 Centennial lighting program..... 40  
 Central heating systems..... 91  
 Central Region..... 1, 19, 49, 76, 149  
 Changes in annual load factor..... 26  
 Chapleau Township..... 52  
 Charging current per unit of  
     cable length..... 83  
 Chatham..... 48  
 Chats Falls G.S..... 12, 13, 102, 110  
 Chemical spraying..... 19  
 Chenaux G.S..... 67, 102, 110  
 Chippawa-Grass Island Pool..... 14  
     Control structure..... 84  
 Chipper..... 19  
 Chub Lake..... 65  
 Circuit breakers replaced at  
     Lakeview G.S..... 61  
 Classes of rural service described..... 145, 146  
 Coal consumption..... iv, 12  
 —conveyor system..... 60  
 —handling system at Lambton G.S..... 61  
 —purchased..... 20  
 Cochrane District..... 2  
 Collective agreements..... 96  
 Collingwood..... 50, 51  
 Comber..... 48  
 Combustion-turbine generators..... iv, 8, 9 24,  
     54, 55, 56, 58, 64, 65, 102, 112  
 Commercial lighting..... 39  
 —service..... 146, 162  
     municipal systems..... 162, 236-257  
     rural..... 146  
 —space heating..... 41  
 —water heating..... 41  
 Commissioners..... ii, vi, 1  
 Commission-owned distribution  
     facilities..... 112, 113  
 Commissions, advisory..... 1  
 Commitments to customers..... iii  
 Communication..... 20  
 Community building at Abitibi Canyon..... 55  
 Computer at Lambton G.S..... 61  
 —representation of power-system  
     components..... 87  
 Computers..... 90  
 Computing Services Technical  
     Committee..... 27  
 Conductor galloping..... 81, 82, 89  
 Conference and Development  
     Centre..... 55, 95, 96  
 Construction aids..... 85  
 Consumers Power Company..... 80  
 Consumption, average per customer  
     farm service..... 44, 152  
     municipal service..... 156  
     rural service..... 152  
 Consumption of coal..... iv, 12  
 Consumption of energy  
     direct customers..... 43, 44  
     municipalities..... 156, 157  
     rural..... 44, 152  
 Contracts for supply of coal..... 21



Control ..... 20  
   of air pollution ..... v  
 Conveyor system for coal ..... 60  
 Coolants for internal-combustion  
   engines ..... 93  
 Cornwall dike ..... 15  
 Coronary heart disease ..... 98  
 Corrosion ..... 84, 85, 93  
   of copper ..... 91, 92  
 Cost allocated to customers ..... 30, 31  
   —allocation, new method ..... v, 26, 27  
   —average per kwh ..... 152, 156  
   municipal systems ..... 156, 236-257  
   rural service ..... 152  
   —of administration ..... 24  
   —of depreciation ..... 25  
   —of frequency standardization ..... 25  
   —of maintenance ..... 24  
   —of operation ..... 25, 30  
   —of primary power ..... v, 4, 30, 31  
     adjustments, annual ..... 30, 31  
     statements of ..... 118, 136  
   —of providing service ..... 30, 31  
   —of right of way ..... 89  
   —of service, defined ..... 4  
 Costing load of the municipalities ..... 26  
 Costs of the Commission ..... 24  
   —of the power-supply function ..... 26  
 Courses of training offered ..... 95  
 Credit plan ..... 38  
 Crystal Falls G.S. .... 102  
 Current-carrying capacity of cables ..... 83  
 Current ratings for overhead  
   conductor ..... 89, 90  
 Customers  
   direct ..... 2, 23, 24, 26, 37, 43  
   number of  
     farm ..... 44, 45, 148-152  
     direct ..... 43  
     municipal ..... 162, 163  
     retail ..... 37  
     rural ..... 37, 44, 148-152  
   served by municipal systems ..... 155  
   served by the Commission and  
     the municipal utilities ..... 37  
   ultimate served ..... 37  
   of the Commission ..... 23  
   retail served by the Commission ..... 37  
   rural ..... 37  
   served by municipal  
     systems ..... 155, 162-211, 236-257  
   special ..... 37

## D

DDT ..... 92, 93  
 Dampers ..... 17  
 Data processing ..... 27, 94  
 Dealers ..... 38  
 Debt, long-term of the Commission ..... 29  
   see also Financial Statements,  
     liabilities  
   —of the municipal electrical  
     utilities ..... 162-211  
   —payable in U.S. funds ..... 117  
   —retirement ..... 117  
 De Cew Falls G.S. .... 15, 102  
 Decline in cost per kwh for commercial  
   and industrial service ..... 158  
   —in reserve capacity ..... iv

Dehydration of plaster ..... 91  
 Delays in installing new capacity ..... iii  
 Demands, see Power demands, Energy  
   requirements  
 Density of customers ..... 146  
 Department of Agriculture of Ontario ..... 40  
   —of Municipal Affairs of Ontario ..... 155  
 Dependable peak capacity ..... 4, 5  
   of East System ..... 55  
   of West System ..... 55  
 Depreciation ..... 24, 25  
   accumulated—Commission  
     see Financial Statements  
   accumulated, of Municipal  
     Electrical Utilities ..... 162, 211  
   provision ..... 28, 30  
 Des Joachims G.S. .... 15, 93, 102, 110  
 Design, developments and aids ..... 82  
 Deterioration in high-voltage bushings ..... 16  
 Detroit area ..... 79  
 —Edison Company ..... 79, 80, 103  
 Detweiler T.S. .... 64, 65  
 Deuterium oxide ..... 63  
 Developments in design ..... 82  
 Digital computers ..... 87  
 Direct customers, see Customers, direct  
 Discontinuance of prompt-payment  
   discount ..... 46  
 Discount, prompt-payment ..... 46  
 Dish-washers ..... 38  
 Distribution facilities  
   Commission owned ..... 112  
   —line, see Line  
   municipal ..... 162-211  
 Diversity between systems ..... 57  
   —in Power District loads ..... 26  
   —in stream-flow conditions ..... 8  
 Dock extension at Lakeview G.S. .... 60  
 Dominion Engineering Works Limited ..... 74  
 Douglas Point Nuclear Power  
   Station ..... iv, v, 5, 58, 63, 64, 98  
 Dresden ..... 48  
 Dryers, clothes ..... 38  
 Dundas ..... 48  
 Dusk to dawn lighting, see Sentinel  
   lighting  
 Dutch elm disease, see Elm disease  
 Dutton ..... 48

## E

Ear Falls G.S. .... 102  
 East System ..... v, 1, 5, 6, 8, 9, 10, 11, 13, 19,  
   20, 54, 55, 56, 57, 58, 59, 64, 79, 80, 81, 148-150  
 Eastern Region ..... 1, 19, 20, 51, 77, 150  
 Economic expansion in Ontario ..... iii  
 Ehv facilities, see Extra-high-voltage  
 Elastomeric expansion joints ..... 83  
 Eldorado Mining and Refining Limited ..... 20  
 Electric clothes dryers ..... 38  
   —heating ..... v, vi, 38, 39, 48  
   —Heating Association of Ontario ..... 38  
 Electrical industry ..... vi  
   —inspection ..... 46  
   —maintenance ..... 15  
   —modernization program ..... vi  
 Electrically heated apartment  
   buildings ..... 39, 49  
   —heated schools ..... 39  
 Electronic computer ..... 94  
 Electrostatic precipitators ..... v

Ellesmere radio station.....20  
 Elliot Lake.....65  
 Elm disease.....19  
 Embro.....48  
 Employees, average number of.....96  
 End-of-year cost adjustments.....26  
 Energy consumption *see* Consumption  
 —delivered by Commission to  
     Municipal Electrical Utilities.....43, 106  
 —delivered to interconnected systems.....107  
 —generated.....3, 9, 11, 103, 104  
 —primary delivered to interconnected  
     utilities.....107  
 —produced by thermal-electric  
     units.....102, 103  
 —production for commercial load.....3, 4, 5, 9  
 —purchased.....9, 11, 12  
     by M.E.U.....106  
 —requirements, *see* Requirements  
 —sales.....2  
 —sales to direct customers.....43  
 —supplied to Commission  
     Customers.....4, 5, 106, 107  
 —primary supplied  
     for use in Ontario.....9  
     to direct industrial customers.....43, 107  
     to interconnected systems.....107  
     to municipal systems.....106, 118-136  
 Engineers engaged.....94  
 Equities accumulated through debt re-  
     tirement charges and interest.....27  
 Equity in Ontario Hydro System,  
     defined.....159  
 —of M.E.U. in Commission  
     Systems.....158, 159  
 Essa T.S.....79  
 Essex.....48  
 Ethylene glycol.....93  
 Ethylene-propylene terpolymers.....84  
 Eugenia G.S.....102  
 Evaluation team for computer  
     equipment.....27  
 Excavation of concrete at  
     Stewartville G.S.....68  
 Exchange-risk on debt.....24  
 Excitation systems.....87, 88  
 Executive Council of the Province  
     of Ontario.....1  
 Exhaust systems of thermal-electric  
     stations.....83  
 Expenditures by Commission  
     on fixed assets.....v, 24, 111, 113  
 Expense of M.E.U.....160, 162-211  
 Extension to Lakeview G.S. dock.....60  
 Extra-high-voltage facilities.....74  
 —line.....6, 9, 15, 17, 70, 74, 77, 78, 79

## F

Familiarization program for cable-  
     heating installation.....91  
 Farm customers, *see* Customers  
 —sales conference.....40  
 —service.....44, 106, 145  
     rates.....147  
 —services, number of.....148-152  
 Fatalities, number of.....47  
 Fault clearing.....20  
 Federal Government.....52  
 Felt on roofs.....84

Fergus.....48  
 Financial features of the Commission.....2  
 —operations of M.E.U.....162-211  
 —position, summary of.....24  
 —statements  
     advances from the Province.....29, 117  
     assets.....28  
     assets, fixed.....28, 110-113  
     assistance, Provincial.....29  
     balance sheet.....28, 29  
     bonds payable.....29, 116, 117  
     capital.....29  
     cost of power.....30, 31, 118-136  
     —of providing service.....30, 118-136  
     depreciation provision.....28, 30, 114  
     frequency standardization.....30, 34, 115  
     funded debt, *see* bonds payable  
     liabilities.....29  
     operations, financial, statement of.....30  
     pension and insurance fund.....97  
     reserve provision.....30  
     revenue.....30  
     Sinking fund equity.....29, 32, 33  
     stabilization of rates.....32, 33  
 Fire detection equipment.....16  
 —resistance of buildings.....84  
 Fires attributed to electrical causes.....47  
 Fixed charges defined.....4  
 Fluctuations in cost of power.....42  
 Fluorinated rubber.....83  
 Fly ash removal.....61  
 Forecast used as basis for planning.....57  
 Forest.....48  
 Forest Glen all-electric subdivision.....49  
 Forestry.....19  
 Fort William.....11, 40, 57, 65  
     T.S.....78  
 Foundation soils.....85  
 Fountain Falls G.S.....102  
 Frankford G.S.....102  
 Freon.....12, 92  
 Frequency standardization, *see also*  
     Financial Statements.....25  
 Freshet.....14  
 Fruit farming.....145  
 Funded debt, *see* Financial Statements,  
     Bonds payable

## G

Galetta G.S.....102  
 Galloping, artificial.....89  
 —on conductors.....81, 82, 89  
 Gas-filled cables.....92  
 General rate.....41, 160  
 —rural customers.....46  
 Generating capacity added in 1966.....54  
 —capacity to be added to the systems.....55  
 —Stations.....102  
     *see also* individual listings  
     *see also* Financial Statements  
     —assets  
 Generation development.....54, 58, 59-74  
 Generator performance.....87  
 Generator-speed-sensing device.....82  
 Geological surveys.....62  
 George W. Rayner G.S.  
     *see* Rayner, George W., G.S.  
 Georgian Bay Region.....1, 19, 50, 76, 149  
 Glass-lined tanks.....91

Gloucester Township Hydro-Electric  
 Commission.....52  
 Glycol.....93  
 Goderich.....48  
 T.S.....75  
 Government incentives.....50  
 Government of Canada.....62, 63  
 —of Ontario.....49, 62, 63  
 Grand Bend.....81  
 Great Lakes.....iv  
 Power Corporation.....57, 58, 103  
 Gros Cap.....59  
 Ground cable.....17, 18  
 Growth in average consumption  
 in municipalities.....156  
 —in fixed assets, Commission.....25  
 —in number of customers in M.E.U.....156  
 —in power requirements.....iii, iv  
 —in revenue in M.E.U.....156  
 Guide to the Report.....6

## H

Halogen.....92  
 Hamilton.....48  
 —Kenilworth T.S.....76  
 —Newton T.S.....76  
 Hamlet residential service.....146  
 Hanmer T.S.....74, 78, 79  
 Hanna Chute G.S.....102  
 Hanover G.S.....102  
 Harmon G.S.....69, 71, 72, 88, 102, 110  
 Harrow.....48  
 Health of employees.....97  
 Hearn, Richard L., G.S.....v, 102, 112  
 Heat exchangers.....83  
 Heating, electric.....52  
 Heat-pump system.....55  
 Heat-transfer characteristics of  
 cables.....83  
 Heat characteristics of masonry  
 cavity wall.....84  
 Heavy water.....63  
 Helicopters.....18, 19, 20  
 Helium.....92  
 Herbicide.....20  
 High Falls G.S.....102  
 High-density customers.....146  
 High-voltage endurance tests.....82  
 —transmission lines.....80  
 Highway 129.....65  
 Holden, Otto, G.S.....15, 102, 110  
 Home Economics Classroom  
 Equipment Program.....38  
 Hospital at Little Long G.S.....98  
 Hound Chute G.S.....102  
 House heating.....212-235  
 Human relations.....94  
 Hydraulic gate seals.....84  
 —method for locating leaks in  
 oil-filled cables.....92  
 —spray boom.....19  
 Hydro-electric energy  
 generated.....11, 102, 103, 104  
 —generating stations.....iv, 24, 102, 103  
 —generation.....55, 56  
 —Power Commission, defined.....1  
 —production.....102, 103  
 —resources.....102, 103  
 Hydrological conditions.....13  
 Hydro-Quebec.....iv, 103

## I

IBM, see International Business  
 Machines  
 Ice boom.....13  
 Immersion heating elements.....91  
 Improvement in accident prevention  
 performance.....97  
 —in levels of Great Lakes.....iv  
 —in stream flows.....11  
 Income, net, of M.E.U.....162-211  
 Increase in energy consumption.....9  
 —in energy demands.....iv, 9  
 —in installed capacity.....iv  
 —in long-term debt.....24  
 —in miles of rural line.....45  
 —in miles of transmission line.....80  
 —in number of customers  
 rural.....44  
 —in operating, maintenance, and  
 administrative expense.....24  
 —in peak load of Toronto H.E.S.....50  
 —in power demands.....iii, 24  
 —in revenue.....24  
 India.....98  
 Indian Chute G.S.....102  
 Industrial customers, see Customers,  
 direct industrial  
 —power service.....106, 156  
 municipalities.....156, 157, 160, 215-257  
 rural.....147, 148-152  
 —customers, sales of secondary energy.....44  
 Information Centre at Pickering G.S.....55  
 Injury frequency and severity.....97  
 Insecticides for blackfly control.....92  
 Inspection, electrical.....46  
 Inspections, number of.....47  
 Instability.....87  
 Installation of cable-heating systems.....91  
 Instruction.....94  
 Insurance fund.....98, 99  
 Interconnected systems.....iv, 44  
 —utilities.....107  
 Interconnection between East and  
 West Systems.....6, 55, 56, 57, 59, 81  
 —with Detroit Edison Company.....79, 80  
 Interest expense.....25  
 Interim billing.....42  
 —rate per kilowatt.....42  
 —rates to municipalities.....26, 27  
 —revenue.....119, 137  
 Intermediate pressure rotor.....15  
 International Business Machines  
 1401 computer.....27  
 Interphase ties.....89  
 Interruptible-power contracts.....10  
 Investment of M.E.U. in fixed  
 assets.....162-211

## J

James Bay.....9, 69  
 J. Clark Keith G.S.  
 see Keith, J. Clark, G.S.  
 Joints, elastomeric expansion.....83

## K

Kakabeka Falls G.S.....16, 103  
 Kapuskasing.....69  
 Keith, J. Clark, G.S.....65, 102, 112  
 Kenora.....53







## N

- Nanticoke G.S. . . . . 5, 54, 58, 61, 112  
 Nepean Township. . . . . 51  
 Net rates for rural billing. . . . . 46  
 Niagara Board of Control. . . . . 14  
 Niagara Mohawk Power Corporation. . . . . 103  
 Niagara Region. . . . . 1, 48, 75, 84, 148  
 —River. . . . . 13, 14  
     Control Structure. . . . . 14  
 Nipissing G.S. . . . . 102  
 Northeastern Region. . . . . 1, 52, 69, 77, 150  
 Northern Ontario Properties. . . . . 36  
 Northwestern Region. . . . . 2, 53, 77, 151  
 Notes payable. . . . . 24  
 Nuclear fuel. . . . . 20  
     —Power Demonstration Plant. . . . . 9, 63  
 Nuclear-electric  
     generation. . . . . iv, v, 47, 55, 89, 94  
 Nurseries. . . . . 145

## O

- Office buildings. . . . . 55  
     electrically heated. . . . . 49  
 Ogoki Diversion. . . . . 110  
 Oil-filled cables. . . . . 82, 92  
 O.M.E.A., see Ontario Municipal  
     Electric Association  
 Ontario, Province of. . . . . iii, 1, 4, 78, 89, 91, 92  
     —Electric Service League. . . . . 38  
     —Electrical Code. . . . . 46  
     —Electrical League. . . . . 38  
     —Government offices. . . . . 49, 50  
     —Hydro Employees Union. . . . . 96  
     —Hydro Research Quarterly. . . . . 82  
     —Minnesota Pulp and Paper Co. Ltd. . . . . 53  
     —Municipal Electric Association. . . . . v, vi, 26  
     —Power G.S. . . . . 102, 110  
     —Water Resources Commission. . . . . 81, 93  
 Operation Aladdin. . . . . 40  
 Operations, statements of Commission. . . . . 30  
     —Statements of M.E.U. . . . . 162-211  
 Orangeville. . . . . 55, 96  
 Organo-phosphorus insecticide. . . . . 92  
 Oshawa Public Utilities Commission. . . . . 49  
 Oshawa-Wilson T.S. . . . . 76  
 Ottawa. . . . . 52, 77  
     —Hawthorne T.S. . . . . 77  
     —Hinchey T.S. . . . . 77, 81  
     —Slater T.S. . . . . 77  
     —Woodroffe T.S. . . . . 77  
 Ottawa River. . . . . 13, 63, 67  
     —Valley Power Company. . . . . 12, 103  
 Otter Rapids G.S. . . . . 69, 87, 102, 110  
 Outdoor lighting. . . . . 39  
 Output of hydro-electric  
     stations. . . . . 11, 12, 102, 103  
 Over-capacity in West System. . . . . 56, 57  
 Owen Sound. . . . . 50, 51

## P

- Pakistan. . . . . 98  
 PASNY, see Power Authority of the  
     State of New York  
 Peak demands. . . . . iii  
     —load of direct customers. . . . . 43  
     —load of M.E.U. . . . . 42  
     —load of Toronto H.E.S. . . . . 50  
     —requirements industrial customers. . . . . 43

- Penetanguishene. . . . . 51  
 Pension fund. . . . . 98, 99  
 Peterborough P.U.C. . . . . 51  
 Pickering G.S. . . . . v, 5, 24, 55, 58, 62, 63, 64,  
     86, 112  
     —Township. . . . . 62  
 Piezometers. . . . . 86  
 Pile driving at Lambton G.S. . . . . 61, 86  
     —driving at Pickering G.S. . . . . 63, 86  
 Pinard T.S. . . . . 6, 69, 74, 78, 79  
 Pine Portage G.S. . . . . 103, 110  
 Pioneer Electric Limited. . . . . 74  
 Pipe-type cables. . . . . 81  
 Pollutants. . . . . v  
 Pollution control. . . . . 47  
     —in Lambton G.S. area. . . . . 93  
 Polyester pipe. . . . . 82  
 Polystyrene spacers. . . . . 82  
 Pooling of costs. . . . . 27  
 Porcupine T.S. . . . . 77  
 Pore-water pressures. . . . . 86  
 Port Arthur. . . . . 40, 57  
     —Colborne. . . . . 48  
     —Dover. . . . . 5, 54, 61  
     —Elgin. . . . . 63  
     —Huron Area. . . . . 79  
     —Rowan. . . . . 48  
 Poultry raising. . . . . 145  
 Power Authority of the State of  
     New York. . . . . 14, 103  
 Power Commission Act. . . . . 1, 2, 46, 160  
 Power Costing Committee of A.M.E.U. . . . . v  
     —costing method, revised. . . . . v, 26, 42, 43  
     —demands. . . . . 8  
     —development program. . . . . iv, 58, 59  
     —District. . . . . 26, 27  
     —produced for commercial  
         load. . . . . 3, 9, 102, 103  
     —purchased. . . . . 3, 10, 11, 103, 105  
     —resources. . . . . 102, 105  
     —supply. . . . . 1  
 Precipitation. . . . . iv, 13  
 Preferential suburban rates. . . . . 46  
 Prescott. . . . . 51  
     P.U.C. . . . . 51  
 Procedure for calculating capacity  
     of hydraulic resources. . . . . 8, 101  
 Procurement policies and practices  
     revised. . . . . 21  
 Professional staff. . . . . 94  
 Program of capital construction. . . . . 58, 59  
 Progress on power developments. . . . . 59  
 Prompt-payment discount. . . . . 46  
 Protection. . . . . 20  
 Province of Ontario. . . . . iii, 1, 4  
 Provincial advances. . . . . 117  
     —Engineering Limited. . . . . 74  
     —Legislature. . . . . 1  
     Public relations. . . . . 47  
 Public Utilities Act. . . . . 2  
 Pulp and paper industry. . . . . 44, 52  
 Purchase of coal. . . . . 21  
 Purchased energy. . . . . 12  
     —power. . . . . 10  
 Purchases of economy power. . . . . iv

## Q

- Quebec Hydro-Electric  
 Commission. . . . . iv, 12, 13, 78, 103

Quebec, Province of . . . . . 10, 12, 13, 17, 78  
 Queen Elizabeth Way . . . . . 80, 81  
 Queen's Park office complex . . . . . 49

## R

Radiant-heat systems . . . . . 91  
 Radiation protection . . . . . 98  
 Radio interference . . . . . 20  
 —stations . . . . . 20  
 Radioactive tracer gas . . . . . 92  
 Radio-equipped vehicles . . . . . 20  
 Ragged Rapids G.S. . . . . 102  
 Ranney Falls G.S. . . . . 102  
 Rate development . . . . . 41  
 —of growth . . . . . iii  
 —revisions . . . . . 24  
 —stabilization . . . . . 32, 33  
 Rates  
 farm . . . . . 147  
 house-heating . . . . . 214-234  
 interim . . . . . 118-136  
 municipal retail . . . . . 214-235  
 rural . . . . . 147  
 Rayner, George W.,  
 G.S. . . . . 6, 57, 58, 59, 102, 110  
 Reactor buildings at Pickering G.S. . . . . 63  
 Real-estate sales . . . . . 39  
 Rebates to municipalities . . . . . 119-135  
 Reclassification of customers . . . . . 156  
 —of direct customers . . . . . 43  
 —of farm services . . . . . 44  
 Recruiting teams . . . . . 94  
 Red Lake . . . . . 78  
 Red Rock Falls G.S. . . . . 72, 102, 110  
 Red Rock Hydro System . . . . . 53  
 Reduction in accident frequency rate . . . . . 97  
 —in retail rates . . . . . 24  
 Reforestation . . . . . 20  
 Refunds to municipalities,  
 see Rebates  
 Regions, Reports from . . . . . 48-53  
 Regular employees, number of . . . . . 96  
 Regulations under The Power  
 Commission Act . . . . . 46  
 Renfrew . . . . . 65, 67  
 Reports from the Regions . . . . . 48-53  
 Requirements—energy . . . . . 9  
 —of direct customers . . . . . 107  
 —primary energy . . . . . 9  
 —power . . . . . 9  
 primary . . . . . 4, 5, 9  
 Research Division . . . . . 16, 82  
 Reserve capacity . . . . . iii, iv, 64  
 —capacity in East System . . . . . 56  
 —for stabilization of rates and  
 contingencies . . . . . 24, 25, 32, 33, 34  
 —provision . . . . . 4, 30, 32, 33  
 —statement of . . . . . 32, 33  
 Reserves of power . . . . . 105  
 Residential service . . . . . 106  
 municipal systems . . . . . 156, 157, 214-257  
 rural . . . . . 147, 148-151  
 —seasonal customers . . . . . 44  
 —seasonal service . . . . . 146  
 Resources . . . . . iii, 3, 4, 5, 9, 102, 103, 104  
 see also Capacity, dependable peak  
 —hydro-electric . . . . . 102, 103  
 —thermal-electric . . . . . 102, 103

Retail customers . . . . . 2, 23, 24  
 —customers of the Commission . . . . . 26  
 —distribution of  
 electricity . . . . . 156, 157, 236-257  
 —distribution plant . . . . . 112  
 —rates . . . . . 136, 147  
 for M.E.U. . . . . 214-235  
 —service . . . . . 2, 156, 157  
 —service by Commission . . . . . 155  
 —service in municipalities . . . . . 155  
 Return on equity concept . . . . . 27  
 Revenue—of the Commission . . . . . v, 24, 30  
 from direct customers . . . . . 30  
 from farm service . . . . . 44  
 from M.E.U. . . . . 30, 119-135  
 from retail customers . . . . . 30, 156  
 from rural customers . . . . . 152  
 from sales of primary power  
 and energy . . . . . 4, 30  
 from sales of secondary power  
 and energy . . . . . 4  
 —of M.E.U. . . . . 156, 162-211  
 Revisions to rural rates . . . . . 44  
 Richard L. Hearn G.S.  
 see Hearn, Richard L., G.S.  
 Richview T.S. . . . . 74, 76, 78  
 Ring bus at Lakeview G.S. . . . . 60  
 Rio Algom Mines Limited . . . . . 20  
 Roadside spraying . . . . . 19  
 Robert H. Saunders—St. Lawrence G.S.  
 see Saunders, Robert H.,  
 St. Lawrence G.S.  
 Rolphton . . . . . 63  
 Rubber seals on hydraulic gates . . . . . 84  
 Rural electric  
 service . . . . . 44, 45, 46, 145, 146, 147-153  
 —assistance, Provincial . . . . . 29  
 —classes of service . . . . . 145, 146  
 —customers, number of . . . . . 148-152  
 —customers transferred through  
 annexation . . . . . 44  
 —distribution facilities . . . . . 24  
 —energy consumption . . . . . 106, 107  
 —general service . . . . . 145, 146  
 —Hydro-Electric Distribution Act . . . . . 4  
 —rate structure . . . . . 146  
 —residential service . . . . . 145, 146, 152

## S

St. Catharines-Glendale T.S. . . . . 76  
 St. Clair Power Plant . . . . . 79, 80  
 St. Clair River . . . . . 61, 79, 93  
 St. James Town Project . . . . . 49  
 St. Lawrence River . . . . . 13  
 Sales of energy . . . . . 106, 107  
 —promotion . . . . . 38  
 —training seminars . . . . . 95  
 Sarnia . . . . . 5, 54, 75, 76  
 —area . . . . . 79  
 —Hydro-Electric Commission . . . . . 43  
 —Imperial T.S. . . . . 75  
 —Scott T.S. . . . . 64, 79, 80  
 —Vidal T.S. . . . . 75  
 Sault Ste. Marie . . . . . 54, 57, 58, 59  
 Saunders, Robert H.-  
 St. Lawrence G.S. . . . . 15, 65, 87, 102, 110  
 Savings in fuel consumption . . . . . iv  
 Scarborough Township . . . . . 49  
 —Public Utilities Commission . . . . . 49

|  |                         |
|--|-------------------------|
| Schools, electrically heated                                 | 39                      |
| Seals for hydraulic gates                                    | 84                      |
| Seasonal residential service                                 | 146, 147, 148-152       |
| Secondary energy   | 9, 30, 104, 106, 107    |
| sales  | 44, 107                 |
| Sentinel lighting  | 46                      |
| Service buildings  | 55                      |
| Services to customers  | 46                      |
| Seymour G.S.   | 102                     |
| Shear pin breakage   | 15                      |
| Sidney G.S.  | 102                     |
| Significant Six causes of accidents                          | 97                      |
| Sikorsky helicopter  | 19                      |
| Sills Island G.S.  | 102                     |
| Silver Falls G.S.  | 103, 110                |
| Sinking fund—of the Commission                               | 32, 33                  |
| see also Financial Statements provision                      | 30, 32, 33              |
| Sir Adam Beck-Niagara G.S.                                   |                         |
| see Beck, Sir Adam-Niagara G.S.                              |                         |
| Sludge in oil  | 93                      |
| Smithville   | 48                      |
| Snow cover   | 14                      |
| Soil heave   | 86                      |
| Solid-state radios   | 20                      |
| South Falls G.S.   | 102                     |
| South Grimsby Township Public Utilities Commission           | 48                      |
| South River  | 52                      |
| Southern Ontario System                                      | 25, 35                  |
| Special customers  | 43, 107                 |
| Spray equipment  | 19                      |
| Sprayed coatings   | 84, 85                  |
| Spraying operations  | 19                      |
| Stability studies of tower crane                             | 86                      |
| Stabilization of rates and contingencies reserve             | 24, 31, 32, 33          |
| Stabilizing signals  | 87                      |
| Staff statistics   | 96                      |
| Standard accounting system of Municipal Electrical Utilities | 160                     |
| Standardization of test methods                              | 93                      |
| Standardized accounting procedures                           | 160                     |
| Stand-by power for emergencies                               | 64                      |
| Static exciters  | 87                      |
| Statistics on staff  | 4, 5, 96                |
| Statutes of Ontario  | 1                       |
| Stewartville G.S.  | 6, 58, 66, 68, 102, 110 |
| Stinson G.S.   | 102                     |
| Storage conditions   | 13, 14                  |
| Stratford  | 160                     |
| Stream flows   | 8, 11, 12, 13, 25       |
| Stream-flow conditions                                       | 13                      |
| Stress studies of tower cranes                               | 86                      |
| Street lighting  | 48, 52                  |
| revenue of M.E.U.  | 160                     |
| Strikes in industries  | 21                      |
| Studies of air pollution                                     | 93                      |
| —of conductor galloping                                      | 89                      |
| —pertaining to the use of electric energy                    | 91                      |
| Suburban residential service                                 | 146                     |
| Sudbury  | 40, 52, 57, 74, 78      |
| Sulphur dioxide  | 93                      |
| Summer commercial customers                                  | 146                     |
| Supply   | 20                      |
| Surplus energy   | 13                      |
| Survey work  | 19                      |
| System operation, aids to                                    | 87                      |

## T

|  |                                       |
|--|---------------------------------------|
| Tavistock  | 48                                    |
| Technological change   | 97                                    |
| Technology, advances in  | 82, 94, 95                            |
| Temporary employees, number of                                 | 96                                    |
| Tension stringing  | 17, 18                                |
| Terpolymers, ethylene-propylene                                | 84                                    |
| Test line for conductor galloping                              | 82                                    |
| Testing Laboratories of Canadian Standards Association         | 46                                    |
| Thermal insulation   | 84                                    |
| Thermal-displacement energy                                    | 12                                    |
| Thermal-electric energy generated                              | 12, 102, 103, 104                     |
| —generating stations   | iv, 20, 24, 55, 56, 83, 102, 103, 112 |
| —resources   | 102, 103                              |
| Third generation computer equipment                            | 27                                    |
| Thirteenth-bill adjustments                                    | 42                                    |
| Thorndale  | 48                                    |
| Thunder Bay District   | 2                                     |
| Thunder Bay G.S.   | iv, 11, 55, 56, 58, 65, 103, 112      |
| Tillsonburg  | 48                                    |
| Timmins area   | 77                                    |
| —T.S.  | 81                                    |
| Topographic surveys  | 62                                    |
| Toronto  | 19                                    |
| Toronto  | 5, 9, 17, 20, 49, 54, 55, 64, 74      |
| Toronto  |                                       |
| —Charles T.S.  | 76, 81                                |
| —Duplex T.S.   | 76                                    |
| —Finch T.S.  | 76                                    |
| Hydro-Electric System  | 50                                    |
| —Leaside T.S.  | 76                                    |
| —Teraulay T.S.   | 81                                    |
| —Township Hydro-Electric Commission                            | 49                                    |
| Torsional dampers  | 17                                    |
| Tracer gas   | 92                                    |
| Trade associations   | 47                                    |
| Training   | 94, 95                                |
| sales  | 40                                    |
| Transfer of direct customers to service by municipal utilities | 43                                    |
| Transformer stations   | 24, 74                                |
| Transmission lines   | 24, 55, 78                            |
| extra-high-voltage   | 6, 9, 15, 17, 70, 74, 77, 78, 79      |
| patrol   | 18                                    |
| total mileage  | 4, 5, 80                              |
| see also Financial Statements, assets, fixed                   |                                       |
| Tree pruning and removal                                       | 19                                    |
| Trees planted  | 20                                    |
| Trent University   | 51                                    |
| Turbine-lubrication equipment, automatic                       | 15                                    |

## U

|  |            |
|--|------------|
| Ultimate customers, number of          | 4, 5       |
| Ultrasonic thickness testing           | 15         |
| Underground cable                      | 80, 81, 92 |
| —distribution facilities               | 48, 50, 52 |
| —duct of Toronto Hydro-Electric System | 50         |
| Uniform energy rate for municipalities | 26, 42     |

United States.....21, 55, 93  
 -Canada Automotive Products Agreement.....48  
   mines.....21, 22  
   railroads.....22  
 Univac II computer.....27  
 University recruiting.....94  
 Uranium, natural, as fuel.....63  
 -oxide.....20

## V

Val Tetreau Jct.....81  
 Value of goods and services purchased.....20  
 Variations in stream flow.....24  
 Very-high-frequency radio.....74  
 Vinyl.....85

## W

Water storage.....iv  
 Water-heating systems.....91  
 Water-level changes.....86  
 Water-treatment system at  
   Lambton G.S.....6

Wawa T. S.....57, 58, 59  
 Wawaitin G.S.....102  
 Weather conditions.....iv, 13, 14  
 West System.....1, 6, 8, 10, 14, 19, 20, 48, 52,  
   55, 56, 57, 58, 59, 64, 65, 81  
 Western Region.....1, 75, 148  
 White River.....59  
 Whitedog Falls G.S.....103, 110  
 Widdifield Township.....52  
 Wind direction.....93  
 -velocity.....87, 93  
 Windsor.....160  
   area.....79  
 Wiring.....39  
 Withdrawals from Reserve for  
   Stabilization of Rates and  
   Contingencies.....32, 33  
 Woodstock.....48  
 Wyoming.....55

## Y

Year-round residential customers.....46  
 -residential customers reassigned.....46  
 -residential service.....146







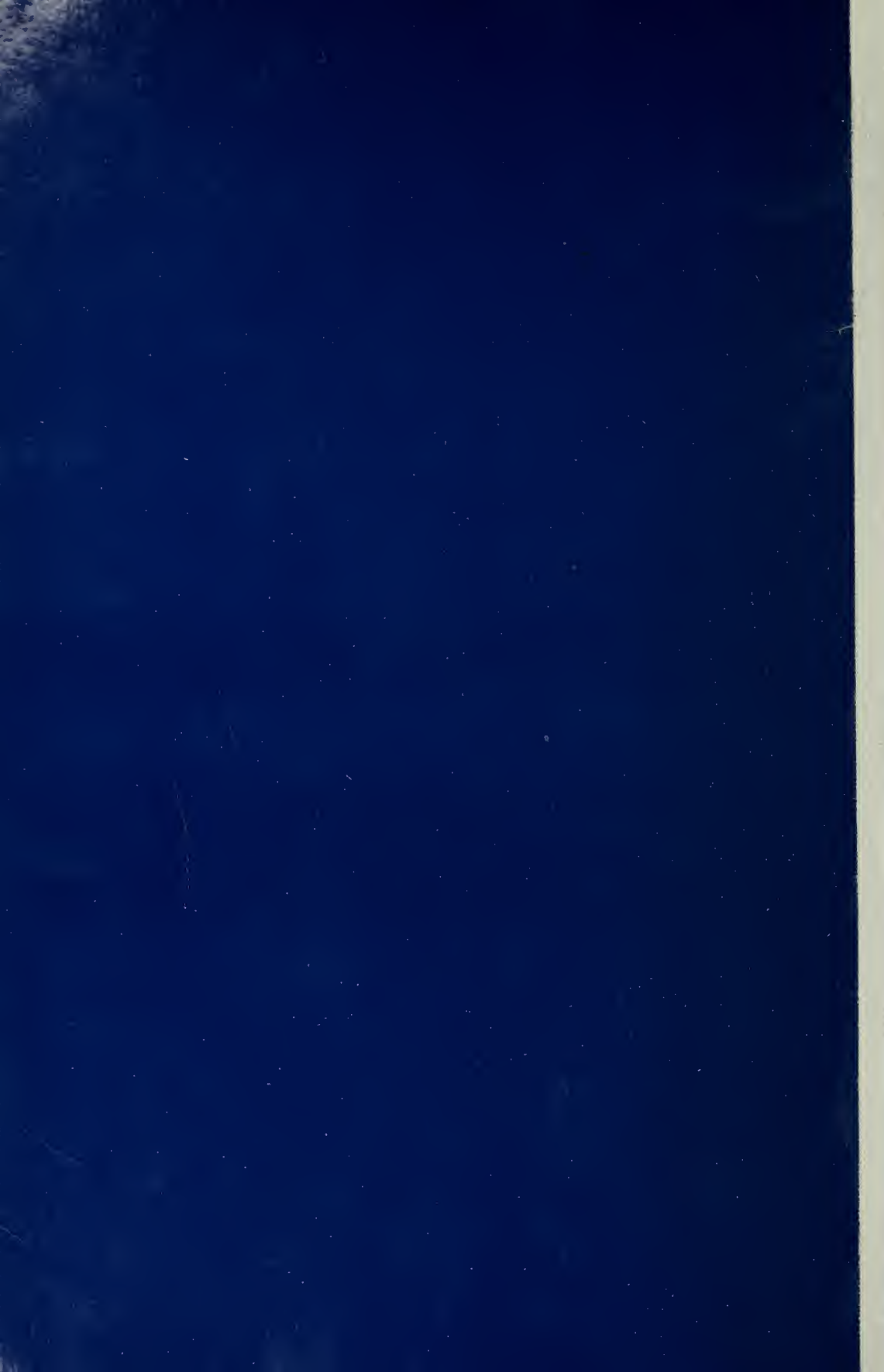












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